(Continued from first page)

basin from the center of which runs a tube bearing a spray nozzle through which the water will gracefully flow and fall back into the basin. It is a credit to the liberality of the donors, to the design er and the city. Who of the prominent wealthy citizens of Detroit will do like wise? and why is the bequest of the noble hearted late ex-Governor Bagley not car-

ried out? While in Flint we had the pleasure of making the acquaintance of Col. E. H. Thompson, a gentleman of the olden school, and we listened with pleasurable emotions to the story of his personal his tory, his travels abroad and at home, and rreminiscences of "ye prominent Demo crats" of his cay. He was born in England in 1810, came to America at three years of age, settled in Boston, after. wards entered and studied four years at White Plains Academy, Westchester Co., N. Y., then two years on the ocean as a sailor before the mast; in 1830 commenc ed the study of law in the office of Hon. Millard Fillmore, ex-President; at the age of 22 opened law office in Buffalo; started there, with Gen. Roberts, the Buffalo Daily Transcript; came to Michigan in 1837; received appointment from Governor Stephen T. Mason, as Prosecuting Attorney; came to Flint in 1838; in 1845 received same appointment in Genesee Co.; in 1847 elected State Senator, served as chairman of judiciary committee in 1847 and 1849, also on mines and minerals successfully introduced the bills estab lishing the Deaf and Dumb Asylum at Flint and the Insane Asylum at Kalamazoo; incorporated the first iron and mining company in the Upper Peninsula; introduced a bill to promote foreign immigration to Michigan; for three years filled the position of Commissioner of Immigration with office in New York; afterwards spent several years in Germany aiding immigration to this State, more than 50,-000 having come through his efforts; in 1851 was U. S. Commissioner to London World's Fair; in 1858 Representative in lower house at Lansing; in 1859 on judiciary and State affairs; President of State Military Board in 1862, thus getting title as Colonel; rendered efficient aid in those dark hours: made Flint the camp and rendezvous of the 10th Infantry; has been mayor; delivered a Fourth of July address when the city had only 500 inhabitants, and again when it had 7,000. Is a member of the Masonic fraternity in high standing; is a man of powerful physique and voice, ranking high as an elocutionist and public speaker. Splendid Shakesperian student; had the finest collection of his works ever known, for comprehensiveness, value and rareness unequaled in the world; to-day, through his liberality and that of a wealthy gentleman in Detroit, it graces the shelves of our State University. Has made twenty trips to England and Europe; traveled extensively there; is a conservative Democrat; deeply in love with his friends, his home surroundings, city, county and State, and respected by all. Is social in his nature, tips his hat to the charming young ladies on the street, for he remembers kissing their mothers when they were young maidens, and gave us a fine ride one afternoon to his splendid farm just outside the city limits. From the door of his house can be seen the distant spires and foliage of the city. The farm is a good one, somewhat rolling and very productive. It is managed by John Hender-

to show his friends. John W. Foster has for years made a specialty of handling good horses, and in winter put in his time to good advantage in lumbering. About three years ago he purchased 80 acres of land adjoining his father's cattle ranch, and has built him an elegant frame house and good barns. Has placed the good farm under cultivation, set out a young orchard of 250 trees, and got it well stocked to commence with; he has started from the best breeders, and now has a large herd of pure bred Jersey Red swine; a flock of Merino sheep (Atwoods), and black breasted red game fowls, etc. The foundation of his flock of sheep was laid in January, 1884, by purchase of five yearling Vermont bred ewes from Geo. W. Stuart of Grand Blanc; they were from the best flocks, were sired by valuable and noted stock rams; also from W. R. Keeney seven more breeding ewes, got by Victor Hugo, and in Atwood club, part got by E. S. Hammond's No. 102 (Atwood). His present stock ram is G. W. S. No. 233, by L. P. Clark 119. The sheep and lambs are a fine party. He has a good lot of grade cattle, and his Hereford heifer Sweetmeat 2d was bred by Tom Foster, was got by Lord Berwick 2d, by Lord Berwick 1292, dam Sweetheart 13th by Lord Berwick 1292. She has a bull calf by side by Hardicanute, and is in calf again by him. His grades are mostly Shorthorns and Devons. His first vessel and set on fire in a close poultry Jersey Reds were purchased in June, 1882. getting boar Jumbo, sired by Doctor, grand sire The Don, who weighed 600 bs. at one year old. His dam was Topsy, bred by E. W. Stone of Illinois, and weighed on ordinary feeding at 199 days old, 200 lbs. Giantess was got by Major out of Bessie 2d, dam Bessie Good, bred by W. M. Holmes, Grinnell, Iowa. This pair was purchased from E. M. Richardson of Viola, Minn. In January, 1884, he bought from G. W. Stuart, Grand Blanc, the sow Mary Stuart, got by Wabintoe, out of Jersey Queen. From Knowles Brothers of Little Hocking, O., he got Zera, she by George Curtain out of Anna. From Clark Petit of Salem, N. J., he purchased Leah, got by Oliver out of Julia. The handsome Mink, (if any of this breed are) was sired by Galion Red Jacket, bred by P. C. McClure of Galion, O., and out perienced from lice during the summer following." of Carrie, she by Romeo who was bred by C. Petit. Mr. Foster intimates to us that

before since its ownership of thirty years.

by one of the sons. In stock we find a

Tom Foster's best bulls. They are in fine

condition, and no doubt, from the inter-

est the Colonel takes in this stock,

he will soon have a herd of thoroughbreds

and will keep about 20 of the best bred breeding sows to be had, with sires of equal merit. He likes them because they are prolific breeders, easy keepers, can get a pound of pork cheaper from them than any other breed, are quiet in disposition, stand the cold winter better than any class of hogs, fatten readily, and grow to large size. He will breed to fine up the head and ear, shorten the snout, and increase size and weight of hams. In confirmation of the truth of the large stories told us by him as to their growth, weight, etc., he promised to give your readers, over his own signature, the truth, together with his ideas of their intrinsic value as a breed, at his earliest convenience, of which promise we remind him. He will shortly build for their comfort a new house 18x64 feet, two stories high. His black breasted game fowls are very handsome, with all the fineness of a thoroughbred, are fine layers, splendid table fowls, the cockerels weighing 6@7 lbs., and pullets 5 to 7 lb. We have no doubt that Mr. Foster will lend all his energies to the building up and improving the specialties that he is caring for. ON THE WING.

(To be continued.)

New life and vigor are given by Hood's Sarsaparilla. 100 Doses Oce Dollar.

### Peterinary Pepartment

Unducted by Prof. Robert Jennings, late of Philadelphia, Pa., author of "The Horse and its Diseases," "Cattle and their Diseases," "Skeep, hoise and Poultry," "Horse Training Made Easy," etc. Professional advice through the colsman of this journal to regular subscriber free. Parties desiring information will be required to disease to the office of Sice of Diseases," "Cattle and their Diseases," "Sheep, froms and Poultry," "Horse Training Made Easy," etc. Professional adrice through the columns of this journal to regular subscribers free. Parties desiring information will be required to send their full name and address to the office of the Fannen. No questions will be answered by wait unless accompanied by a fee of one dollar. In order that correct information may be given the symptoms should be accurately described, how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. Private address, 301 First Street, Dstroit.

Diseases in Poultry.

Veterinary Editor of the Michigan Farmer. DEAR SIR:-I have a valuable Light Brahma cock with a diseased foot. May, and I have poulticed it, lanced it, washed it in a solution of castile soap and carbolic acid, and many other things, but it is no better. It seems to be two or three distinct tumors. One on the bottom of the foot is hard, those on top soft, and discharge a thin matter. them lately contains a cheese-like substance, quite offensive. What is the matter, and what can I do for it? Trouble No. 2, is that my chicks hatched during the month of July begin at about a week old to droop their wings and stand around with their eyes closed, and refuse to eat, and usually in an hour or two after being discovered, die. I have lost at least fifty chicks. I have tried to keep vermin out of my house, sprinkled sul-phur in the nests of the sitters and over odies, but I have found an easional louse on the sick or dead chicks cannot find them on the well chicks although they may be there. I am afraid to put kerosene on them. I have lost twenty young turkeys the same way. My earlier chicks were perfectly healthy, I feed them on middlings, ground feed and corn meal mixed, salted a little and scalded, or made in a mush or in bread; I also feed wheat. I wish some one who raises five hundred or a thousand chicks would tell me how they prepare their food. I have found it a tedious process to prepare food for two hundred and fifty. I will not mention the wild cat which has taken whole broods, hen and all, and last night helped himself to my only hen turkey, or our failure to trap him, for fear you will think my troubles are endless, but there are a few redeeming features, and I hope for better luck next son and his sons, all thorough farmers and year. One more query and I am done. workers, and as a sequence it yields the How can I chop pork and beef scraps the easiest, and pulverize bone and oyster shells? Are there machines for the pur-Colonel better financial returns than ever Particular specialty is made of gardening

Answer.-To your first inquiry: The large herd of grade Herefords, bred from trouble with your Brahma cock, is a disease known as "bumble-foot," caused by bruises or other injuries. Treatment: Wash the feet clean with castile soap and water, then dissolve one drachm sulphate zinc in four ounces of pure water, to this add one ounce of glycerine, shake well, pour in a cup sufficient to cover the sores, set the feet in the solution for about five minutes; repeat once a day until healed.

No. 2.—The symptoms indicate lice as the cause of losing your chicks. Your failure to find them may be due to the too common error of blowing or opening the feathers on the body of the birds; not finding the parasite in numbers attributing the trouble to other causes. The pests doing the mischief are located about the head or in close proximity to it. In this connection we republish our opinion in answer to W. D. D. in the FARMER of

"Lice destroy more poultry than breeders generally are aware of. The whole feathered tribe seems peculiarily liable to be tormented with these parasites. There are recorded instances where fowls have been so covered with these loathsome pests that the natural color of the feathers has been undistinguishable. They are not alone annoying to the birds, but materially interfere with their growth, causing emaciation and death. They are the greatest of all drawbacks to the success and pleasure of the poultry fancier, and nothing but unremitting vigilance will exterminate them. Treatment: White-wash frequently all the parts adjacent to the roosting poles; take the poles down and wash them with a solution of carbolic acid and water, in the proportion of one part of acid to four parts of water; mix some of the diluted acid with the white house, will penetrate every crevice, and effectually exterminate the vermin. When a hen comes off the nest with her brood, the old nest should be cleaned out washed with the solution and the straw burned, and new straw used in place. Sulphur, or powdered tobacco leaves mixed with the straw, will add to the health of the poultry. A little sulphur mixed in Indian meal also has a good of fect. Dip the fowls in a solution of car-bolic acid, in the proportion of one ounce to a quart of water, then place them in a warm dry place to dry; this will some-times have the desired effect. To guard against vermin, however, it should not be forgotten that cleanliness is of the utmost

No. 3.-There are machines for chophe will make their breeding a specialty, ping scraps and pulverizing bones.

importance, and there should always be slacked lime, dry ashes and sand easy of access to the fowls, in which they can

of tincture of iron in the water occasionally is beneficial. If the above sugges-

cleaning the hen house, before warm weather sets in, little trouble will be ex-

CHARLOTTE, Aug. 13, '84.

Veterinary Editor Michigan Farmer. DEAR SIR:-I have a bay gelding six rears old, and weighing eleven hundre nd fifty pounds, that has quarter cracks. use bar shoes on him, and had his feet ournt above the crack, but does not seem as to treatment, and are they apt to grow ogether and get sound?

E. S. CHARLOTTE.

Answer.-Quarter crack occurs only in the hoof that is hard, dry, brittle and contracted. The hoof naturally is elastic. In that condition it may be bruised but not split. Quarter crack usually occurs in the front feet, they being almost alone subject to contraction. Treatment: Rasp the quarter back to the heel of the foot, so thin that it will yield under pressure. Cut the crust or outer covering of the foot, from the crack back to the frog, so that no part of it bears upon the heel of the shoe. Apply a bar shoe with a perfectly level bearing all around, with a bar sufficiently large to cover the frog, not a little nubbin of iron, which does in jury by pressing in the heel of the frog, defeating the object of the bar or round shoe. The shoe, properly made and adjusted, gives almost immediate relief to the animal. Apply the following to the top of the hoof all around: Equal parts of vaseline, pine tar, and turpentine melted together. The broken hoof will not unite, but must be grown down from the top. If the new horn gets a proper start from the top, and pressure is kept off the heel of the foot on the cracked side until it grows out, there will be no trouble in the case.

### Vaginal Injury in a Mare.

GIRARD, Branch Co., Aug. 18, 1884.

Veterinary Editor Michigan Farmer. My mare is troubled with a discharge from the vaginal canal It first resemble in appearance the white of an egg, bu now is thicker and whiter. Before this discharge commenced there was a flow of blood from the parts, not constant but discharged in clots, followed by blood and water. She was put to horse on the 25th of April, and again on the fifth of July, and the bloody discharge commenced on the 8th or 9th of July. I don't know whether that caused the trou not. She is old and rather thin. trouble or hin. What can I do for her? G. S. PRINTLER.

Answer .- Your mare evidently was in jured during copulation by laceration of the vagina or otherwise; such accidents occur more frequently in mares than other animals. Treatment: Wash the passage clean, using care not to bruise or njure the parts. A swab made with a soft sponge may be used for the purpose inject the vagina after washing with the following solution: Chloride of zinc, one drachm; rain water, one pint; mix and shake well before using. Repeat once a day until the discharge ceases. Give internally the following: Socotrine aloes. pulv., sulphate of iron, puly., Jamaica ginger root, pulv., of each one ounee; gentian root, pulv., two ounces. Mix all together, and divide into twelve powders Give one powder night and morning, in the feed or on the tongue.

### Strain of the Loins.

NILES, Aug. 19, '84.

Veterinary Editor Michigan Farmer. DEAR SIR:—I have a bay horse, 14 years old, which has a lame back. The lameness was caused about two weeks ago, by being thrown down by the plungng of a vicious horse, in the middle of a three-horse plow team, and trying to rise while checked up. When he walks he sways from side to side, when backed up he almost falls, when he runs in pasture of the state of he can not stop, when rubbed in the small of the back he flinches, legs stock a little, water slightly abnormal, bowels in good condition, appetite good, and seems well with this exception. Have given him no treatment. What can be done for him? SUBSCRIBER.

Answer .- From the symptoms describ ed the strain of the loins in your horse is a severe one. Such injuries frequently give rise to serious trouble, in some instance rendering the animal comparative ly useless. Under favorable circum stances a permanent cure is slow and uncertain. Considering the age of your animal, together with the severity of the injury, we have little to expect by way of permanent cure. Treatment: Apply twice a day to the loins, rubbing well. Prof. R. Jennings' Evinco Liniment. If Prof. R. Jennings' Evinco Liniment. If your druggist does not keep it have him send for it, or use the following liniment, which is very good, but less effective: Tincture opium, tincture myrrh, spirits camphor, oil turpentine, and oil origanum, of each one ounce, proof spirits one quart, mix all together, shake well before using. Apply twice a day. Give in the feed two ounces of sulphate of the feed two ounces of sulphate of magnesis, every night. Give no corn or

corn meal. Frank Shiek, of Durand, Ill., while drinking Frank Shiek, of Durand, Ill., while drinking a bottle of pop last week, washed a false tooth and gold plate down his throat. It stuck about four inches down and baffled all efforts to remove it for about 40 hours. The man could not eat, but suffered no pain. It was feared an incision would have to be cut in his neck and the impediment removed in that manner. Emetics were administered, but the plate was found to be too large to be thrown up. A surgeon from Chicago was sent for and he succeeded in securing the wandering molar.

Frederick Artz, a farmer of Bunker Hill township, Ingham Co., left his home on the 16th, and on the 22nd his dead body was found in a piece of woods, near his house, and by it a paper containing morphine. Family trouble is said to have caused the suicide.

A French inventor, Renaud, claims to have olved the problem of serial navigation.

### COMMERCIAL.

DETROIT WHOLESALE MARKET.

DETROIT, Aug. 26, 1884. Flour.-Receipts for the past week, 2,745 bbls against 2,208 the previous week, and 2,774 bbls. for corresponding week last year. Shipments, 1,884 bbls. The flour market is very quiet, and shipping transactions amount to but little. The home trade is fair. Values are still declining, and as wheat is still working downwards flour is expectvesterday were as follows:

 Michigan white wheat, choice
 34
 50
 46
 65
 Michigan white wheat, roller process
 48
 56
 50
 Michigan white wheat, patents
 57
 78
 50
 78
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 65
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Wheat.-Market opened with a decline in cash

wheat from Saturday's rates, which caused a brisi emand, and part of the loss was regained. White wheat was the strongest, and sales were quit neavy. One hundred and eighty cars of cash wheat changed hands. Closing prices on spot were as follows: No. 1 white, 83c; No. 2 do., 80c No. 2 red, 834c. In futures values closed at the following range: August, 83%c; September, 83%c; October, 84%c. In red wheat futures closed as fol lows: August, 83%c; September, 83%c; October,

84%. The sales of futures were 80,000 bu. Corn .- Nothing doing. No. 2 would bring 54%c per bu., and new mixed 53c.

Oats .- Slightly improved yesterday. No. were quoted at 26e per bu., and No. 2 white at 2916c; light mixed sold at 28c per bu. Feed.-Very quiet; bran, \$12 per ton; coarse iddlings \$12 50@13 00. Corn meal quiet at \$22

for coarse and \$26 00 for fine. Butter-The market is a little better; choice fresh packed will bring about 17c, with 15@16c the price paid for most of the receipts. Good

reamery is quiet at 22@25c per lb. Cheese .- Market steady but quiet. Receipt are quite large. Full cream State ranges at abou 9@91/c per lb. Part skims are selling at 5@7c:

Eggs.-Market quiet and lower at 14c per doz Dried Apples .- Dried apples are dull at 51/4c

Honey .- Market dull at 14@16c per lb., the latter price for fine white comb Beeswax .- Scarce and firm at 33@35c 19 to in ock, and 28@30c from first hands Onions.-Quiet and steady. Quotations are

\$2 25 per bbl. for Southern. Potatoes-The market has been well supplied \$1 per bbl. for southern. State, 40@45c per bu Hops.-Market quiet, quotations are 30@35c

Small Fruits.-Blackberries, \$5@5 50 pe stand. Whortleberries in light supply at \$4 50@ per bu., the latter for Lake Superior. Grapes, 6 @7 per lb. Melons -Offerings of watermelons are free and

they are selling at \$15@20 for best; poor stock ower. Receipts of nutmegs are light, and but few can be had; they are quoted at \$3 50@3 75 per

Pears.-Common fruit, \$1 50@2 00 per bbl. Bartletts at \$3 00. Apples.-Shipping stock quoted at \$2 25@2

Peaches.-In fair supply; choice fruit would mand \$2 50@300 per bu, the latter for yellow. Tomatoes, -Good stock commands 50@75c per

The market is overstocked. Cabbage.-Quoted at \$4 00 per 100.

Plums .- Dull at \$3 00@4 50 per bu. Poultry.—Receipts light; a few chickens are being offered at 9@10c per fb., live weight. Provisions .- Prices are well sustained: bar reled pork slightly higher; lard unchanged;

smoked meats steady and firm; dried beef and

tallow unchanged. Quotations in this market are as follows: 

Hay.-The following is a record of the sales at the Michigan Avenue scales for the past week: \$14 50 and \$16 50.

Tuesday.—22 loads: eight at \$14; seven at \$16; four at \$15; two at \$15; two at \$13; one at \$13 50.

Wednesday.—17 loads: three at \$16, \$15 50 and \$14 50; two at \$18; one at \$15, \$14 75, \$14 25, \$14, \$12 50 and \$12.

\$12 50 and \$12.

Thursday—22 loads: seven at \$14; three at \$15 and \$18; two at \$15 50, \$14 50 and \$12 50; one at \$16, \$13 50 and \$10.

Friday.—33 loads: seven at \$14 and \$13; five at \$16; four at \$15 and \$12; two at \$15; one at \$15 50, \$14 50, \$13 50 and \$12 50.

Saturday.—26 loads: nine at \$14; eight at \$16; three at \$15; two at \$14 50 and \$12; one at \$18 and \$16.

LIVE STOCK MARKETS.

At the Michigan Central Yards. Saturday, Aug. 23, 1884

The	rollowing	were	tne	re	ceipte	at these	yards
				•	No.	Sheep.	Hogs.
right	овво						51
lvde.							76
helse	8						129
lio				•••	31		140
harlo	tte			•••	22		114
Latio				••	9	22.4	
exte				•••		214	77
ower	ville		****	• •	14		55
rand	Blanc			٠.	24	• • •	
lighla	nd				10	102	62
lowel	1				12		87
ackso	n					196	67
ansin	g				9	83	
[etam	ora				24		
filfor	d						68
rford	1			• •	8		102
ontie	c			••			63
lamo	uth			• •			50
lymo	nd			• •	10		
						***	63
cocne	ster			• •		72	21
ome				• •		110	
tidgw	ау				7	73	
tockt	ridge				8	65	
Villia	mston				44	205	86
Vebbe	erville				25		22
					050		

..... 257 1.120 Total .... CATTLE.

1.093

Webberville.

The offerings of Michigan cattle at these yards umbered 257 head, against 421 last week. The eccipts from the west were moderate, and with a fair demand from both shippers and the lo al trade, there was a good firm feeling in the market. As compared with last week, prices were fully as strong, and in some cases a slight advance was obtained. There were a good many stockers among the receipts, for which there was a good demand for eastern shipment. All the offering changed hands, and the market closed firm at the

QUOTATIONS:

Bulls ... 3 00 GA 00

Bunnell sold John Downs a mixed lot of 10
head of fair butchers' stock av 848 lbs at \$415,
and 2 thin heifers av 690 lbs at \$3 50.

Lathrop sold John Downs a mixed lot of 7 head
of fair butchers' stock av 933 lbs at \$4; 2 thin
cows av 1,005 lbs at \$3 50, and 2 av 940 lbs at \$3 25.
Sulivan & Flieschman sold John Robinson 52
mixed westerns av 783 lbs at \$3 70.
Wreford &Beck sold McGee 28 mixed westerns
av 825 lbs at \$3 50, and 14 av 809 lbs at \$3 55.
Breenahan sold John Downs 3 fair butchers'
cows av 903 lbs at \$3 85.

cows av 903 lbs at \$3 85.

Ramsey sold Hulbert 3 stockers av 720 lbs at \$3 75, and 2 fair cows to Flieschman av 1,135 lbs at the same price.
Wreford & Beck sold Burt Spencer 26 mixed westerns av 924 lbs at \$4. Flieschman sold Burt Spencer 10 stockers av 734 lbs at \$3 50. Ross sold Burt Spencer 4 stockers av 595 lbs at \$3 10. Fliesc

at \$3 10.
Fileschman sold John Robinson 27 mixed westerns av 777 lbs at \$3 40, and 23 av 944 lbs at \$3 624.
Cheeseman sold Switzer & Ackley 17 stockers av 978 lbs at \$3 80.
Pierce sold Burt Spencer 15 stockers av 778 lbs at \$3 75; 4 fair shipping steers av 1,225 lbs at \$3 75, and a bull weighing 1,090 lbs at \$4 30.
Egentin sold Fileschman 5 fair butchers' heifers av 880 lbs at \$4 50, and a fair cow weighing 1,120 lbs at \$4.

lbs at \$4. oct. Switzer & Ackley 27 stockers av 752 lbs at \$5 62%, and 3 thin heifers to Reagan av 580 lbs at \$3 25.

Jedele sold Burt Spencer 9 butchers' steers av 1,155 lbs at \$4 75.

Cheeseman sold Loosemore a mixed lot of 5 head of thin butchers' stock av 738 lbs at \$3 40.

Oberhoff sold Burt Spencer 2 fair oxen av 1,610 lbs at \$4 15.

Rupert sold Switzer & Ackley 13 stockers av 782 lbs at \$3 85, and 2 bulls av 830 lbs at \$3.

C Roe sold John Robinson 4 thin butchers' heifers av 747 lbs at \$3 66.

ers av 747 lbs at \$3 60. Plotts sold John Robinson a bull weighing 1,720

lbs at \$3 50.
Purdy sold Burt Spencer 11 stockers av 792 lbs at \$3 80.
Jenny sold Purdy 9 thin butchers' heifers as C. G. HAMPTON, Detroit, Mich. sold Purdy 9 thin butchers' heifers av FARM FOR SALE Plotts sold Burt Spencer 15 stockers av 872 lbs

White sold Flieschman 11 stockers av 853 lbs at \$3.85, and 3 av 636 lbs at \$3.12½. SHEEP. The offerings of sheep numbered 1,120, against ,182 last week. The market opened up with a good demand for shipment. The quality was not good, and prices averaged about the same as last

Bullard sold John Downs 59 av 80 lbs at \$3. Giddings sold John Downs 41 av 84 lbs at \$3 30. McFadden sold John Downs 81 av 76 lbs at \$2 25. McCafferty sold Fitzpatrick 108 av 60 lbs at

Raywalt sold John Downs 214 av 82 lbs at \$3 50 Raywat sold John Downs 20 av 82 108 at \$3 05. Egenton sold John Downs 60 av 76 lbs at \$3 05. Taylor sold Reagan 72 av 68 lbs at \$2 60. C Roe sold George Wreford 73 av 79 lbs at \$3. Stabler sold John Downs 162 av 92 lbs at \$3.75. Corwin sold John Downs 201 av 85 lbs at \$3.25.

HOGS. SPAN.

The offerings of hogs numbered 1,093, against 899 last week. The hog market opened up active and 15@25 cents higher than last week. At these prices those of good quality were sold. For the balance which were very poor, buyers were not anxious to take hold of, and several lots were left over. A large number of good hogs could have been sold, and at good prices, but there is a class of hogs coming in that are totally unfit for anything but feeding, and they are sent east for that purpose. The market at Buffalo is flooded with those hogs, and they are selling there at low

Thayer sold Switzer & Ackley 51 av 163 lbs at 5 35.

Cooper sold Webb 122 av 152 lbs at \$5 35.

Lewis sold Webb 75 av 172 lbs at \$5 55.

Giddings sold Webb 35 av 197 lbs at \$5 55.

Giddings sold Webb 32 av 197 lbs at \$5 50.

Lathrop sold Webb 25 av 165 lbs at \$5 40.

Harger sold Hammond 55 av 208 lbs at \$6.

Ramsey sold Webb 68 av 154 lbs at \$5 25.

Lovely sold Switzer & Ackley 65 av 144 lbs at 5 25.

i 25. Allen sold Webb 47 av 160 lbs at \$5 50. Bliss sold Hammond 54 av 220 lbs at \$6. Devine sold Webb 43 av 180 lbs at \$5 50. Devine sold Webb 43 av 189 Ibs at \$5 50. Stoll sold Bigley 51 av 187 Ibs at \$5 60. Judson sold Webb 48 av 188 Ibs at \$4 75. Glesson sold C Roe 59 av 157 Ibs at \$5 12½. Sweet sold Webb 15 av 124 Ibs at \$4 50. Sly sold Webb 47 av 183 Ibs, at \$6. Walls sald Rauss 45 av 166 Ibs at \$5 60.

> King's Yards. Monday, Aug. 25, 1884.

CATTLE. The market opened up at these yards with 332 head of cattle on sale. There was a good attendance of buyers, and all the offerings changed ands. There were but few decent cattle on sale, but there were a good number of stockers, for which there was an active demand for shipment east. Prices on all grade averaged about the same as those at the Central Yards on Saturday.

Smith sold Marx a mixed lot of 8 head of thin nutchers' stock av 780 lbs at \$3.75, and 6 coarse mes av 600 lbs at \$3.25. Anstey sold John Wreford a mixed lot of 10 Anstey sold John Wreford a mixed lot of 10 lead of thin butchers' stock av 762 lbs at \$3 75.

Beardslee sold Genther 3 fair butchers' steers v 946 lbs at \$4 50. Ramsey sold Sullivan 22 stockers av 732 lbs at

\$3 62½.

Anstey sold Baxter 4 thin butchers' heifers av 665 lbs at \$3 50.

Kalaher sold Kammon a mixed lot of 13 head of coarse butchers' stock av 732 lbs at \$3 25.

Oberhoff sold Knoch 4 fair butchers' steers and heifers av 870 lbs at \$4 40.

McHugh sold Hersch 4 fair butchers' heifers av 725 lbs at \$4 35.

k sold Switzer & Ackley 12 stockers av 720 lbs at \$3 50. Richmond sold Flieschman 5 stockers av 595

Richmond sold Flieschman 5 stockers av 595 lbs at \$3.

McHugh sold Petz 7 fair butchers' steers and heifers av 866 lbs at \$450.

Beardslee sold Switzer & Ackley 13 stockers av 780 lbs at \$350.

Purdy sold Voight a mixed lot of 12 head of thin butchers' stock av 740 lbs at \$3 62½.

Comstock sold McGee a mixed lot of 11 head of thin butchers' stock av 694 lbs at \$3 50.

Clark sold Burt Spencer 4 stockers av 747 lbs at \$3 50.

Proper sold Burt Spencer 4 stockers av 777 lbs at \$3 50.

Proper sold Burt Spencer 4 stockers av 777 lbs at \$3 50.

A t \$3 50.

Beardslee sold McIntire a mixed lot of 7 head of thin butchers' stock av 733 lbs at \$3 40.

Anstey sold McGee a mixed lot of 7 head of coarse butchers' stock av 570 lbs at \$3, and 6 stockers to Flieschman av 556 lbs at the same price.

Leonard sold Stucker a mixed lot of 5 head of thin butchers' stock av 654 lbs at \$3 40.

Purdy sold But ty 654 lbs at \$3 40.

Purdy sold But Spencer 6 stockers av 670 lbs at \$3 40.

Powers sold Marshick 4 fair butchers' stock av 570 lbs at \$3 40.

at \$3.40.
Powers sold Marshick 4 fair butchers' steers av 877 lbs at \$4.20. SHEEP.

Clark sold Fitzpatrick 75 av 730 lbs at \$3. Smith sold Morey 56 av 71 lbs at \$3 30. Church sold Fitzpatrick 79 av 78 lbs at \$5 30. McHugh sold Fitzpatrick 34 av 83 lbs at \$3 37;4.

Buffalo.

CATTLE-Receipts yesterday, 630 head; consigned through 49 cars; market fairly active shade higher for good stock; common grades lower; extrasteers, \$6 25@6 40; good to choice shipping, \$5 65@6 20; fair to good native ship ping steers, \$4 65@5 50; light butchers, \$4 25@ 4 55; Texas steers, \$3 70@4 40; mixed butchers common to choice, \$3 25@4 35; stockers and teeders, \$3 60@4 40; fat bulls, \$3 25@3 60.

SHEEP.-Receipts, 8,000; consigned through cars; stock run very heavy, market dull, prices a shade lower, common to fair, \$2 65@3 25; good, \$3 50@4; choice to extra, \$4 10@4 25; lambs, \$4@ 4 50: Canada lambs, \$4 50@4 80.

Hogs.-Receipts, 7,000; consigned through 42 cars: market dull, corn fed Yorkers, \$6@6 40 good medium, \$6 40@6 80; grassers, \$4 90@5 25 30 cars of common held over.

Chicage.

CATTLE.-Receipts 36,765, against 33,157 the pre vious week. Shipments 11,932. The cattle mar ket opened up on Monday with 8,000 head on sale There was only a moderate run of good cattle, and for this class the market was steady. For common grades there was a fair demand, but the supply was large, and prices declined 10@15 cents per hundred. The best steers on sale brought 6 50@6 70, but the number of this class wa small. Inferior to choice cows sold at \$2 50@4 40. and fleshy little steers at \$4 25@4 50. mand was light on Tuesday, and for anything outside of the best prices were 10@15 cents lower. For the balance of the week, there was no mate rial decline in prices, but the supply of cattle was in excess of the demand throughout. The following were the closing

QUOTATIONS:

Extra Beeves—Graded steers weighing 1,300 to 1,450 lbs and upwards\$7 00 @7 25

Choice Beeves—Fine, fat, weilformed 3-year to 5-year-old steers, weighing 1,350 to 1,450 lbs. ... 6 50 @6 85

Good Beeves—Well-fatted steers, weighing 1,300 to 1,300 lbs. ... 5 75 @6 40

Medium Grades—Steers in fair fleeh, weighing 1,400 to 1,200 lbs. 4 50 @5 50

Butchers' Stock—Inferior to common steers and helfers, for city slanghter, weighing 900 to 1,000 lbs 2 50 @4 25

Stockers—Thinnish steers, weighing from 600 to 900 lbs. ... 3 25 @4 25

Inferior—Light and thin cows, helfers, stags, bulls and scalawag steers. ... 4 50 @2 25

Veals—Per 100 lbs. 4 50 @2 25 QUOTATIONS: 

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STATE AND DISTRICT FAIRS NAME OF SOCIETY. HELD AT. MICH. STATE AG'L. SOCIETY KALAMAZOO SEPT'R. 15 to 19 J. C. STERLING MONROW Mich. State Horticulaural Society KALAMAZOO September 15 to 19 Chas. W. Garfield GrandRas Tri-State Fair Association.
No'n Ind. & So'n Mich. Ag'l S' South Bend.
No'n Ind. & So'n Mich. Ag'l Society.
Indiana State Ag'l Society.
New York State Ag'l Society.
Illinois State Ag'l Society.
Lowa State Ag'l Society.

Chicago.
September 8 to 13.
September 8 to 13.
Sp. Fisher.

September 8 to 13.
Sp. Fisher.

J. R. Shaffer.

Kentucky Ag'l Society.
Montana State Ag'l Society.
Nebraska State Ag'l Society.
Nebraska State Ag'l Society.
Pennsylvania State Ag'l Society.
St. Louis Fair Association.
St. Louis Fair Association.
St. Louis Fair Association.
St. Louis Fair Association.
Toronto Exposition.
Central Fair Association.
Central Fair Association.
North Eastern Ind. Pair Association.
North Eastern Ind. Pair Association.
Northern Wisconsin Ag'l Asso'n
Edenburg Union Fair Association.
September 10 to 29 to 20.
Malaska Co. Agricultural Soc'y
Western National Fair Association.
Malaska Co. Agricultural Soc'y
Cokaloosa, Ia.
Malaska Co. Agricultural Soc'y
Oskaloosa, Ia.
August 25 to 29.
Cotober 7 to 11.
Sp. Chas. Reed.
Alex. Heron.
September 8 to 13.
Sp. Fisher.
Tolon.
Angust 26 to 30.
Thos. U. Martin.
September 5 to 18.
Cot. J. R. Shaffer
Thos. U. Martin.
September 5 to 18.
September 5 to 19.
Cotober 6 to 14.
F. J. Wade.
November 11 to 14
Thos. W. Holloway
October 7 to 11.
September 10 to 29 th.
J. Hill
Cotober 7 to 11.
September 10 to 29 th.
J. Hill
Carbondale, Ill
October 14 to 17.
September 20 to 27 Geo. McBroom.
Northern Wisconsin Ag'l Asso'n
Edenburg, Ind
August 26 to 30.
J. T. Brush.
Alamy Cotober 7 to 11.
September 10 to 29 th.
J. Hill
Cotober 4 to 10.
Alamy Cotober 7 to 11.
September 10 to 29 th.
J. Hill
Cotober 14 to 17.
September 20 to 27 Geo.
J. A. Thompson, or Cotober 2 to 27 Geo.
J. A. Thompson, or Cotober 2 to 29.
Porter Hedge.

Western National Fair Association.
Lawrence, Ks. September 1 to 6 R.W. Cunningham

MICHICAN DISTRICT AND COUNTY FAIRS. NAME OF SOCIETY. HELD AT SECRETARY. Central Michigan Ag'l Society.
Eastern Michigan Ag'l Society.
North Eastern Mich, Ag'l Society.
North Eastern Mich, Ag'l Society.
Western Michigan Ag'l Society.
Northern Michigan Ag'l Society.
Armada Agricultural Society.
Avon Agricultural Society.
Brooklyn Union Ag'l Society.
Central Fair Association.
Central Fair Association
Fenton Union Agricult'l Society
Grand Traverse County Ag'l Soc
Eaton Rapide Union Ag'l Society
Stockbridge Agricultural Society Sept. 29 to Oct. 3. B. B. Baker. Grand Rapi Greenville. Armada... Rochester. September 22 to 27

September 22 to 27

October 7 to 10.

C. C. Merritt
Greenville,
October 14 to 16.

J. E. Barringer. M. Clemens
September 23 to 26 G. R. Culver.
September 23 to 26 G. R. Culver.
September 23 to 26 G. R. Culver.
September 23 to 26 A. V. Phistor.
October 7 to 10.

Walter Blackmore
Sept. 30 to 0ct. 3 H. E. Stewart.
October 7 to 9.

October 7 to 9.

W. C. Nichols
Scotchridge.
Cotober 7 to 10.

L. B. Agard.
Litchlied.
Sept. 30 to Oct. 3 Wm. H. Hooper.
Plainwell.
Sept. 30 to Oct. 3 Wm. H. Hooper.
September 22 to 28 J. D. W. Fisk.
October 7 to 10.

Cotober 7 to 10.

Merrett Frink.
St. Johns
Sept. 30 to Oct. 3 F. M. Halloway.
Billsdoll.
Sept. 30 to Oct. 3 F. M. Halloway.
Billsdoll.
Sept. 30 to Oct. 3 J. T. Minchin.
Sept. 30 to Oct. 3 J. Samuel Cross.
Sept. 30 to Oct. 3 Samuel Cross.
Sept. 30 to Oct. 3 R. L. Warren.
Paw Paw.
Sept. 30 to Oct. 3 J. E. Sumner.

Ann Arbe. Traverse City Eaton Rapids Stockbridge... Litchfield.... šaton Rapide Union Ag'l Society stockbridge Agricultural Society Union Agricultural Society... Plainwell Union Ag'l Society... Branch County Ag'l Society... Calhoun County Ag'l Society... Clinton County Ag'l Society... Hillsdale County Ag'l Society... London County Ag'l Society...

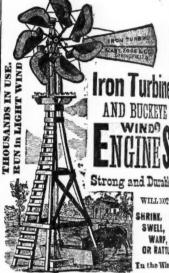
Nakland County Ag'l Society. Mt. Clemen Secola County Ag'l Society. Pontiac... Secola County Ag'l Society. Evart. Doeana County Ag'l Society. Hart. It. Joseph County Ag'l Society. Centreville. Yan Buren County Ag'l Society Paw Paw. Vashtenaw County Ag'l Society Ann Arbor. MAST, FOOS & CO.



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Cut up fine and dissolve one half bar in half gallon of hot water. Pour half this dissolved to ap into a tub with just sufficient hot water to cover a boiler full of clothes. Then put the clothes in to soak, rubbing plenty of soap in the most soiled parts. Be sure that the soaking water is hot; soak the clothes half an hour; sitr them occasionally so that they may get the full benefit of the hot suds; pour the remainder of the dissolved soap into the boiler, adding sufficient water to cover the clothes; wring them lightly out of the suds. Soap the stain ned spots and place loosoly in the boiler; boil so to so minutes, rinse well, blue and hang tody. Bo not crewd the boiler too full. The same boiling water may be used for further boiling by adding a little soap to each boiler-full of clothes. Fannels and prints should not be boiled, only a little rubbing required after soaking. This soap will cleanse clothing as thoroughly as any other without the use of the boiler. We prefer and recommend the boiling process as in itself a cleansing process, saving labor, the wear of the wash-board, and being the best disinfectent known, it is easier to boil the dirt out than to rub is out. You can cleanse perfectly the finest fabric without injury; the finest point lace and lace curtains. Soak point lace in hot suds made with this soap, prinse thoroughly, press carefully between the folds of a towel, roll in a dry towel, and iron between pieces of old flannel. Soak curtains to to 30 minutes and boil 5 to 20 minutes, rinse, stretch on frame, or pin every scallop to carpet over a sheet to dry; no ironing required.

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Three-quarters mile north of Orion, two miles south of Oxford. The D. & B. C. R. R. runming of section line between them, likewise the public section line between them, likewise the public acres has good frame house, well, orchard, runing water. well fenced and improved. The farm on west side of road of 150 acres is all well improved, a fine residence of modern style, two large barns, cut stone smoke house, and milk house, ip barns, cut stone smoke house, and milk house, ip barns, cut stone smoke house, and milk house, it wells and cistern, fine orchard, good fences, all well in the state of the second stream of the second s

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VOLUME XV.

"PRACTICE WITH THEORY AND SCIENCE."

NUMBER 36

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### Agricultural.

NOTES BY THE WAY.

ng the Farmers and Stock Breeders ot Oakland County

In company with our correspondent whom we met at Wixom by aptment, we drove through the western was of Oakland County from Wixom, rough the towns of West Novi, South Lyon, and thence to Milford. After eaving Wixom the first call was upon Daniel Johnson, who was getting his felds ready for wheat. It was very dry work, and the want of rain was telling periously upon the growing corn and pastures. It did not seem to affect Mr. chason personally, as he looked as goodsatured as usual. He reported his wheat con an excellent one.

Leaving him we drove to the farm of N. Kimmis, one of the pioneers of this etion, and found him holding the plow behind aspirited team, and keeping just alittle ahead of his man, who was behind another team. Mr. Kimmis is now 72 rears of age, of the make of the thorughbred horse, and just as wiry. He aid he felt just as young as when forty years ago he began the work of making a ome for himself in this country. He has beautiful and extensive farm, very proluctive, and which can be relied upon for good returns any year. It was just about the hour to leave work for refreshment,

After a social time, the horse was hitched up again, and a call made upon Mr. A. S. Brooks, whose name is a household word among the breeders of the State. His cattle were looking well, considering the extreme dryness of the reather that had turned the pastures indry grass that fairly crackled under oot, and the swarms of flies. His stock all was in the stable to be out of the way f the flies, and is in good shape, looking well, in fact, as we ever saw him. He sa son of Lord Barrington 2d 30115, by 3d Duke of Airdrie 19393, out of imp. Juchess of Bedford by Duke of Oxford and Gloster (27436). He has been a good evestment for Mr. Brooks. Near him flood a very good young bull, red in colwhich is on sale. The cows of the herd have been doing well, but the dry weather and the flies have worried them omewhat.

Passing by the farm formerly worked your correspondent "C.," we found it in fine shape. The wheat crop had been grand one, running 35 bushels to the wre in some places, and astonishing the owners, who had looked for an average about 25 bushels. "C." is getting a lice little Shorthorn herd together again, partly from purchases and partly those he has bred.

Driving from here to the farm of W. J. age, in the town of South Lyon, we stopped to take a look at his flock of Memos. It is a year and a half since We saw his flock, and during that time he has not been idle. He has secured ome Atwood ewes, selected some of the lest of his mixed bloods, and has as nice party of breeding ewes as any one. He is been using the ram Gripsack, owned by D. P. Dewey, on his ewes, some of which are from Dewey's John L. Hayes, he is getting as good blood into his lock as there is in the State. His crop of abs this season was not strong in number, but they are pretty near the top lotch in style. Will is on the right road, and when wool is worth 40 cents again as we hope to live to see it), this flock will be heard from.

The drive from here to Milford was arough a very nice piece of country, but he want of rain was painfully apparent in the appearance of many of the fields, especially around Milford, where the land srather light. At Milford we took up whom our readers are well acquainted brough his articles upon the breeding and history of Shorthorns. While at Milford we met Mr. Lyman Cate, once a dale Leader.

prominent sheep breeder, but who has retired to this village and is enjoying a rest from the cares of farming. He had been attending a reunion of the old Fifth Infantry at South Lyon that day, of which he was a member, and was full of the memories of the stirring days of '61 to '65. The people of the village have elect-

ed him President, and he is attending to

the duties of the office in great shape. In the morning, with Mr. Clapp, we drove over to see the herd of Mr. James Moore, a short distance from the village, Here is one of the finest country residences in the State, surrounded with shrubbery, flowers, fine out buildings, etc. Mr. Moore was out in the fields, and we started for the pastures to see the cows of the herd. They are looking well, and it was a nice sight to see those broad-backed, deepbodied cows, with their rich colors and thrifty looks, cropping the grass, which was short enough from the drouth to keep them busy working for their living. It is wonderful how some of those cows keep up in flesh on such pastures, especi ally as many of them are suckling calves. Returning to the barns, Mr. Moore brought out the Princess bull that stands at the herd of the herd, whose breeding has been given before in the FARMER. A young Craggs bull has also been secured, which will be retained for use in the herd. But the nicest thing we saw was a lot of four heifer calves, all red in color, bred from various cows in the herd, and sired by the Princess bull, which we consider a credit to their breeder. They were very even, straight backed, fine heads, and clean muzzled. As long as Mr. Moore can breed such calves he may be sure of a good call for stock. In this herd there are Princesses, Bell Duchesses, Constances, Roses of Sharon, Victorias, etc., all families of recognized merit.

Here also we saw a fine Clyde stallion imported by the Powell Bros., Springboro, Pa., black in color, grand style, heavy quarters, short-backed and a good set of legs under him. Any one who admires a good draft horse will be pleased with him. Mr. Moore also brought up from the same place a young trotting stallion, a bay with black points, clean built, and of large He is of Hambletonian stock, and highly bred.

The next place we called was at the Lake Brothers, near Wixom, breeders of Merino sheep, and they gave us a cordial wel-They have improved their flock very much the past year, the young stock showing it in their fleeces and their well covered points. The ram purchased from Peter Martin of Rush, N. Y. now two years old, is turning out a success as a stock ram in every way, and has steadily improved since his arrival in Michigan. As for breeding, he has plenty of it. He was sired by Reliable 819 Vt. Register, he by Result 817, by Roderick Dhu 512. His dam was ewe No., 41 of the Martin flock, by Green Mountain Jr. 68 N. Y. Register; 2d. dam, ewe No. 4 of F. Martin's flock, by Little Wrinkly 58 N. Y. Register; and Little Wrinkly was by Old Sweepstakes 9 N. Y. Register. The dam of Reliable was sired by Triumph 107 N. Y. R., he by Torrent 71, he by Little Wrinkly 58, and he by Sweepstakes 9. It will be seen that on both sides this ram traces back to the same stock, and that some of the best known to Merino breeders. He is of

such a fine animal. Driving down to Wixom we pulled up at the office of Messers. Wixom & Sibley in a rain shower, which we had enjoyed for about an hour. It lasted all the balance of the day, and gave a chance to talk Shorthorns, as it was too wet to go into the pastures and see them. Mr. Wixom, however, determined we should have a look over his herd, now one of the largest and finest in the State, and we

staid over for that purpose. In the morning, which came up bright and clear, after doing justice to the hospitality of Mrs. Wixom, Mr. Clapp, Mr. Wixom and the FARMER representative started out to see the stock. Returning at noon we had the pleasure of meeting Mr. Wm. Ball, who had run down to see the herd also. He was looking hearty, and just as happy as if he had been nominated for Lieutenant Governor at the recent Republican convention. In fact, if the truth was known he is probably a good deal happier than the man who did get it. But we will have to defer our notes upon the Wixom herd until the next issue of the FARMER, as both time and space are lacking in which to do it justice.

As evidence of what may be made off of a small city lot by enterprise and judicious management, we quote the following re turns from Mr. J. M. Clark's crop of raspberries and strawberries the present season. Upon between two and three rods square of ground, he raised 265 quarts of strawberries, which he sold at from 15 to 25 cents, netting him \$40. In addition he sold 9000 choice plants for \$48. Between the rows of strawberries he had raspber Our quarters with Mr. N. A. Clapp, with ries planted, and sold therefrom 185 quarts, at 15 cents, aggregating \$27.75 making the total returns \$115.75, or at the rate of over \$3,000 per acre.-Hills-

#### ADJUSTING RATES.

There are two classes of individuals in the race for the accumulation of wealth, those who endeavor to fix the rate at which compensation for labor and capital shall be received, and those who must accept the rates already fixed. The first class are more or less successful in establishing a rate on the basis of which their labor and capital shall yield a remunerative return, and are limited only by the competition which the profits may incite. Competition is again modified by combinations that so regulate the output that no more shall be produced than shall equal the demand. This seems to be the culmination of modern business enterprise, and would be productive of much good to all, if all were in a position to organize for such a purpose, but the fact that labor cannot so combine is the main element of strength to those who have succeeded in fixing their rates. Labor combinations are generally unsuccessful, and food-production is the most impotent of all. Farmers who have had Utopian ideas of unlimited wealth flowing from such a combination, have generally succumbed to the inevitable, under the pressure of foreordained failure. Many of the farmer's productions are perishable, and must be sold at some price when mature, and he must accept the rate at which they can be exchanged for money. It does not avail him that the price is below cost of production, or that the cost to the consumer is largely in excess of that which he receives. These two extremes are separated and held apart by a horde of leeches who are kept alive or grow rich, according to their opportunities. There is but one alternative left for the

farmer to get even in this unequal race-If he must take less than formerly for his products, he must pay less for the articles which he is compelled to purchase. Here is where his independence must make itself manifest. Nature's demands for food are met off his farm, and he has the op. tion, modified only by his necessity, to purchase at the fixed rate or to let alone The high price for labor compels him to use many labor-saving tools, the prices of which are in no way commensurate with the profits of his business. These implements are made in large establishments, remote from his farm, and he has no means of knowing, nor could he scarcely guess at what low figures the tools are made as compared with the cost several years ago. The sewing machine which the FARMER offers to its subscribers is an illustration is run out of the factory at a con of from \$28 to \$31, and the farmer is required to pay \$65. There needs to be a re-adjustment of rates on wagons. Carriages cost comparatively less, and the ratio of cost to asking price is still greater. Much of the iron work is stamped out instead of being forged, and the iron itself costs but \$1.80 per hundred pounds. The price of plows and repairs, according to their cost, is outrageous. Finished castings could be furnished a year ago for \$1.65 per hundred pounds, and they no doubt are now less. The irons for a new plow, including bolts, clevis, jointer and two points, weigh less than 150 lbs., course a straight Atwood. The Messrs. and cost no more than \$3, set up, without Lake can be congratulated on securing beam or handles; these at retail, painted, are \$1.50. It is fair to presume that plows that cost the farmer \$14.50, are run out of the factory at no greater cost than \$4. New points weigh nine to ten pounds each, the latter for large sizes, and we

> I have recently made a harrow in two sections of five timbers each, holding in all 60 teeth, and the expense for timber. irons, teeth, bolts and painting is less than \$5. These are all at retail figures. I put it together myself at odd times, but at a factory it could be set up for less than a dollar. We pay \$15 for a harrow not as good. This one cuts the ground every two inches, teeth set slanting back, and covers a strip ten feet wide. The teeth are half-inch, steel, and cost five cents per pound. It is being used with three horses, and works to a charm-one man going over twenty acres a day. Our hay rakes, drills and mowers are all too high in price, and if farmers determine not to purchase at the rate at which they are held, they will be sold at reasonable figures, compared to cost and the prices the farmer gets for his produce. There must be a readjustment of prices when values of material are low; as well as when they advance. This manufacturers frequently forget, and they strive to cover up the cost of manufactured articles, thus the more readily to increase their profits at the expense of those who purchase. When wagons and carriages were made by hand labor the cost to manufacture was much greater; but the new process by which every stick of timber and piece of iron are fashioned by machinery, renders them less expensive to build, and they have become cheaper than formerly, and farmers have purchased liberally at the reduced prices; but they must come lower yet, when farmers generally understand what it costs to put them on the market.

is about 15 cents.

adjustment of prices for dry goods; they keep pace with the decline in the raw gets for his produce will buy about the same amount of clothing for the family, and material for the household. There is former prices, but where competition is checked by combination the purchaser must pay nearly two prices for the goods.

### THE STATE FAIR.

A Visit to the Grounds at Kalamazoo

Last Wednesday, on invitation of President Parsons of the State Agricultural So ciety, a representative of the FARMER packed his gripsack and took the train for Kalamazoo to look over the arrangements made for holding the coming State Fair at that point. It was understood that several of the Detroit papers were to be represented, but through some misunderstanding they did not materialize, and on our arrival at Kalamazoo we found we represented the Detroit delegation. After waiting for the arrival of the express train to see if Mr. Parsons with his contingent would not put in an appearance, and they failing to do so, we were taken in charge by Mr. W. H. Cobb, the chairman of the Business Committee, and driven to the grounds.

For the information of those who have never visited Kalamazoo, we will say that the grounds are situated a little less than a mile from the principal hotels, and are reached by a double-tracked line of street cars, or for those who prefer walking there is a good sidewalk up to the main entrance. The grounds contain 64 acres, with one of the best mile tracks in the country, and famous for the record made over t by Flora Temple in 1859, when she lowered the trotting record to 2:194.

At the right as you enter the grounds are the cattle stalls, of which there are 416. They are of the usual style and need no particular description. Parallel with these are the pens for sheep and swine. which number 400. These constitute the buildings on the western side of the grounds.

The first building that a visitor will reach on entering the grounds will be the one occupied by the members of the press, which adjoins the offices of the President and Secretary. The club house, which belongs to the owners of the grounds, will be controlled by the Society during the Fair, and the part where liquid refreshments are served up during the race meetof this great reduction in price, but many | ings will be occupied as the President's of the implements used by the farmer yet office. Of course the liquids will be resell at former sewing machine values. moved before Mr. Parsons takes posses-Take a farm wagon, broad tire, complete, sion. The rooms up-stairs will be used for committee meetings and for sleeping apartments for some of the employes. On the east side of this building, and connected by a doorway, an office for the Secretary has been built, also a lunchroom, kitchen, etc., and on the other side the ladies' cottage. Next to the ladies' cottage are the Carriage Halls, one of which is 24x96 and enclosed, the other is of the same size and open on the sides: Then comes Horticultural Hall, 40x100 feet, the Bee building, 24x48 feet, and the Poultry Hall, 24x96 feet, which make up the buildings lying to the west of the Secretary's office. East from the office is the Main Hall, Art Hall and Machinery Hall, which are counterparts of the same buildings which have been seen at State Fairs for the last twenty-five years. In fact a part of the present main building was used by the Society at the first Fair held in Kalamazoo. The police station and express office are located in the va pay 45 to 50 cents for them, when the cost

cant space formed by the main building and the art hall wing. On the east side of track the grand stand is located. It is a much more substantial structure than is ordinarily seen at State Fairs. It is 400 feet long and will seat comfortably 2,700 people. In rear of the stand are the horse stalls, 420 in number. One hundred of these are double stalls 8x12 feet, with gravel roofs, the roofs projecting so as to shade the doors. These belong to the owners of the grounds. The Society has built 320 stalls 5x12 feet, which are substantial and comfortable. At the east end of the stand are the breeding stables of Browne & Stockbridge; which will be used during the Fair by the

Marshall and his aids. Inside the track, and immediately opposite the grand stand, is the Agricultural implement building. It is 150x48 feet, and is open on the sides. In the rear is the shafting and power. We think the designers made a mistake in not turning this building the other way, as it shuts off a large view of the track, and if as is usual the the tents of the implement men are put up in line with it, the matter will be still worse. But taking everything as they stand the buildings and grounds are the best the Society has had in years, and with good weather we cannot see how the Fair of 1884 can help but be a success. Mr. Cobb has been untiring in his endeavors to arrange everything so that it will be satisfactory to the exhibitors, and

ed by the citizens of Kalamazoo, who are bound to make the Fair a success. On Thursday morning Mr. Parsons put There is usually no fault to find with the in an appearance, accompanied by Mr. mazoo.

we think he has accomplished it so far as

it was possible. He has been ably second-

Edwards, of the Detroit Journal, and on the next train along came Mr. M. P. material, and the money the farmer now | Thatcher, of the Detroit Post, in charge of A.O. Hyde, of Marshall. Rain had been falling all morning, and the prospects for a visit to the grounds seemed anything too much competition in trade to hold to but promising for the late arrivals. The party, reinforced by Mr. Shakespeare, of the Gazette, and Mr. Eaton, of the Telegraph, sat down to dinner, and while discussing its merits the rain "let up" so that when the party was ready to start for the grounds it was comparatively dry. After spending an hour on the grounds. Mr. Parsons expressed a desire to look over some of the attractions of the city, and in company with Mr. De Yeo. ex-President of the Village, the three representatives of the press took a carriage for a drive. The water works was the first place visited, and from the animated manner in which Mr. De Yeo discussed its merits, it was plain to be seen that Kalamazoo is pleased with its water supply and the "Holly system."

If there is any one thing that a Kalamacelery interest in Kalamazoo. As we acres of celery, and met wagon loads of it going to market. Mr. De Yeo is authorigrow celery on this 'year, and yet the demand exceeds the supply. The land used is marsh, which until the cultivation of celery was begun was considered almost worthless, but is now worth several hun dred dollars per acre. As we neared the to relate how in striving for the almighty his reason was only saved by a trip to the physician then in charge of this asylum.

It was nearly five o'clock when we were introduced to Dr. Palmer, who, although it was after hours, escorted the party through one of the wards, the laundry, bakery, engine room, etc. Mr. Parsons gave the doctor some statistics, as to the growth of population and wealth of Michigan during the last 40 years, and in return the doctor gave the party some very interesting information in regard to the running of the institution. We have visited several State institutions of this kind, and we can safely say that this one viii iose notning best of them.

In Dr. Palmer we believe our State has got a man fully competent for the position he holds, and a look at his kindly eye, and his genial manner at once convinces a person that the unfortunates under his care are sure of kindly treatment. Mr. Parsons was profuse in his encomiums on the order and scrupulous cleanliness of the place, and as we left we thought his countenance assumed a look which betokened regret that he had not passed a few months within its walls instead of going to Europe.

"Have you seen our Opera House?" is question that will be asked a stranger by about everybody he gets into conversation with in Kalamazoo. They are very proud of it, and after looking it over we have come to the conclusion that they ought to be, for it is one of the neatest, cosiest houses in the country. It is finished entirely in cherry, hand somely frescoed, nicely carpeted, and complete in all its details. It is owned by Mr. Bush, one of the old residents, and the citizens award to him praise for the public spirit and enterprise he has displayed in giving to the city such a build-

One day about a year ago, a man dropped down on Kalamazoo, and told the people there that they needed a street railway. They did not appear to fall into the idea to any extent, although Mr. Boynton used his greatest and most persuasive arguments on them. However, he told them they needed it, and that if the citizens did not want to invest in it he would build it himself. They finally agreed to let him do it, and the result is. that Kalamazoo has get as fine a line of street railway as any city in the country can boast of. The track is laid with steel rails, and the cars are handsomely finished both inside and out. There are single and double cars and open excursion cars. During the State fair cars will be run to the grounds every two minutes, from the Kalamazoo House corner, and this will accommodate a majority of the

visitors to the fair. The people of Kalamazoo do not propose that any of those attending the fair shall suffer for the want of accommoda tions, at least up to the capacity of their residences, and have appointed a committee to direct strangers where board and lodgings can be obtained. Any of our readers who propose attending the fair, and would prefer staying at a private house, can be located by addressing a postal card to Mr. Frank Little, Kala-

#### GROWING WHEAT.

To the Editor of the Michigan Farmer. We perused with much interest the re-

port of the Volinia Farmers' Club meeting, in which wheat culture was so ably discussed. If we could have more farmers' clubs throughout the State, where Theory and Practice come so near together other localities might earn the high compliment paid to this Club in the beginning of the report. These clubs not only benefit each member of them, but all the readers of the FARMER. They would be still more useful in instruction if each member would give the kind of soil he was dealing with, and the subsoil, especially when speaking of the depth to plow, or the kind of tool best adapted to form a seed bed. Our best farmers in Genesee County would disagree entirely with the advocates of shallow plowing. The soil generally is clay loam, and more impervious to water as you increase in depth, but does not lack in the essential elements to produce good wheat even down to two zooite is more struck on than another, it and three feet in depth. In fact very few is celery. All you have got to do is to farms are so wornout that a deep plowed say celery, when the youngest to the oldest | summer fallow, turned in June, and kept citizen stands ready to give you a learned stirred occasionally on the surface, will dissertation on the rise and growth of the | not cope with our best land. I would advocate deep plowing for every thing, (no drove to the Insane Asylum we passed reference to swamp lands,) and all the manure that can be saved on the farm. and the coarser the better, if plowed un ty for the statement that over 1,400 acres | der on the heavier lands. My practice of land in this vicinity are being used to has been to get a little deeper each year as fast as I could manure the soil turned up; we are this year plowing nine inches, with a sulky plow, which is a little better adapted to deep plowing; then make the surface fine and well packed with roller wheel harrow and Down harrow, as the ployed in green manuring. The Ger-Asylum, a feeling of sadness seemed to case requires; and then if the field has mans, and they are right, patronize two, a settle over Mr. Parsons, and after gazing | not been well treated with barnyard manat the building in silence for some time, ure, apply phosphate, from 150 to 200 he said to the party, "Do you know that pounds per acre. The field of 112 acres velop plenty of leaves the better. Before I came very near being an inmate of that referred to a few weeks since in my article building at one time." He then went on on phosphate, yielded 438 bushels by When in flower is the best time to utilize measurement, and 452 bushels by weight: dollar, he had overworked his brain, and was wheat after wheat, and had 150 lbs. of Homestead Phosphate per acre; this is a Europe, taken on the recomendation of trifle over 381 bushels per acre. The other for cutting. In Belgium, the weeds of field containing 274 acres, (144 acres being the canals are cut in the spring, and cartsummer fallow, which gave more than its | ed to land prepared for potatoes; drills are share,) having over 200 loads of fine manure on the most exposed portions, yielded by weight 29 bushels, and a small fraction the whole being covered with the hoe over. I most heartily agree with the This manuring does not tell on any submembers of the Club on the quantity of seed to be sown to the acre; have tried one bushel, consider it enough when we have a fair season for germinating the seed, and the insects are only moderately active. Phosphate has proved the best safeguard against the ravages of the insects we have found in this section.

for the last four years, on account of insects working more in the Diehl; would return to the Diehl and use phosphate, could I find the seed pure and clean from foul weeds. Have improved my Clawson wheat for eight years past by sowing none but the largest kernels; have arrang ed a mill so as to pass wheat over two screens, each quite coarse, and take out put in the hopper, leaving only the largwith any one, unless I become satisfied that one has been more thorough in improving his seed by judicious selection, by thin sowing on very fertile, well-drained soil. Do not want seed improved by crossing up, or mixing with other varieties, but the longer it has been raised on one farm or soil, and the more critical the selection the better. Believe some one in each section should give to the improve ment of farm grains their particular atten tion. Would as soon think of trading my sheep for some others as my wheat, unless some one, as I said before, had surpass ed me in painstaking. Some well-bred Clawson wheat for the farmers of Michi gan to sow this fall will prove as great a boon as well-bred animals; and I may say will as easily deteriorate unless some pains be continued to keep up the standard. My observation has been that those farmers who are continually crying for some other variety, and change most often, are, as a rule, those who do the east to fit their land in season, and fit it well, who sow more than they can sow in good shape and in rich soil, who believe wheat turns to chess (or chestnuts,) and who wait for rain to plow and sow.

> D. P. DEWEY. GREEN MANURING.

It is Steadily Gaining Ground in Fran-

From our Paris Correspondent. The summer has been very warm and dry, but on the whole cannot be described as drought. And this leads me to the subject of green manuring, which is steadily making way in the warm zone of France and on light soils, thus present ing all the conditions of success. A plant which borrows from the soil to grow, repays when plowed in, capital and interest in dying and decomposing on the spot This is the reason why lands are laid down in grass to grow rich. The organic manure that we bury in the soil contains soluble and insoluble matters, the latter predominating. The first can serve to a foot-hold. Other States should quaranimmediately feed the plant and be assim-

ilated; but for the second, they must undergo fermentation to dissolve their parts, or elements, and so give place to the production of new soluble compounds and gases. No food can reach the plant except in a state of extreme division, as the absorbing pores of the little roots are so delicately fine as to take up only liquids or gases.

It is under the triple influence of heat, air and humidity, that the decomposition of organic matter takes place in the soil. Green or vegetable, are evidently cold manures. Their action is slow; their decomposition difficult; they contain too small a quantity of saline matters, or saline matters of an insoluble character, or, they may be of a too aqueous nature. The character of the soil has a good deal to do with respect to the action of vegetable manures. In the sandy soils the decomposition is more rapid, because the air and the agents of decay have freer access; while in the case of clays, decomposition proceeds more slowly, as their tenacity excludes air and heat. The humus in a clay soil is hastened in its decay by tillage, which opens it to influences of the atmosphere. For similar reason, if a sandy soil be tilled too frequently, the manures become rapidly soluble and volatilize in the air before the plant can profitably use them.

The plowing down of green crops before arriving at maturity is perhaps the earliest form of manuring land, and may be also the last. It is a precious auxiliary in localities where roads do not exist for carting farm vard manure, or are impracticable, as on mountain slopes. Rape, aftermaths, lupins, buckwheat, rye, beans and turnips, are the plants chiefly emmixture: as turnips and spurry. The more rapidly such plants grow and debeing plowed in, they are rolled or mown. such plants; they are richer too in alkalis; as Dr. Sace points out, that is the period selected by fabricants of vegetable ashes opened four inches deep, the seed dropped, and the green weeds spread over it sequent crops.

In Bretagne and the northwest of France, rushes and heather are employed; these are generally strewn first on a road to be bruised by the traffic. In the Upper Pyrenees, lupin is sown in autumn, and in May when in flower is plowed in; this forms an excellent preparation Have had best yields from the Diehl for maize. In Taru-et-Garonne, sainfoin s sown in the vinevards and place down; on light soils vetches and buck wheat are in favor, and seem to be preferred of late on the calcareous lands of Champagne. The Prussian farmers prefer yellow lupin; the Belgians lean to spurry, and adopt the excellent plan of spreading a little farm yard manure and covering both simultaneously. In the Luxembourg, the slopes of Erize have about one-fourth of the whole amount been made arable by green manurings five years in succession. At best plowest. Do not believe in changing seed ing down green plants can be only half manuring. The plan possesses the unundoubted advantage of maintaining humidity in the soil, and when the latter is of a calcareous, sandy, granitic or schistose character, such is not to be overlooked. Green manuring never affects the flavor of products, nor removes anything from their delicacy.

### Wires for Hop Yards.

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The Waterville, N. Y., Times says that the use of wire in the hop yards in that vicinity has proved a success, and that a number of the best growers are adding to their wire yards each year. They all are constructed on the same principle, but vary in details. The wires are put from 12 to 16 feet above the hills. Fourteen feet is now considered about right. Stout posts are placed at the end of each or every other row. These posts in some yards are supplied with small castings, consisting of a small pulley for the wire to run over and a small reel to draw it taut when stretched. Intermediate posts are set up about every twenty feet and the wire set into a

small iron hook in the side of each, from which it can be lifted down to tie, repair or pick. Small stakes are driven into the hills, and strings run from them to the vine. The best usage is to place a wire over every row, but some place over every other row and a six foot stake in the alternate rows with a string. The cost of such yards range from \$100 to \$150 per acre.

A Lor of very rough and scabby bucks came in from California the other day. The importation of stock in such condition should be prohibited by law.—Texas Wood Grower.

It was a scabby California buck that contaminated the Merinos shipped to Australia, which led to their destruction by the government and the closing of the ports of that country against any further shipments of American Merinos. The sheep men of that State must be a shiftless. dirty lot to allow the scab to obtain such tine against their sheen.

Standard Bred Trotters.

A number of inquiries have reached this office from parties who are thinking of entering trotting horses at the coming State Fair, as to what constitutes a standard bred trotter, the rules of the State Society requiring entries in certain classes to be standard bred. In answer we again publish the rules under which trotters are admitted as standard bred:

FIRST.-Any stallion that has, himself, a record of two minutes and thirty a record of two minutes and thirty seconds (2:30) or better; provided any of his get has a record of 2:40, or better; or provided his sire or his dam, his grandsire or grandam is already a standard animal.
Second.—Any mare or gelding that has a record of 2:30 or better.

THIRD.—Any horse that is the sire of two animals with a record of 2:30 or bet-FOURTH.—Any horse that is the sire of

one animal with a record of 2:30 or bet-ter; provided he has either of the following additional qualifications.

1.—A record himself of 2:40 or better.

2.—Is the sire of two other animals with a record of 2:40 or better. 3.—Has a sire or dam, grandsire or

grandam, that is already a standard ani-

FIFTH.—Any mare that has produced an animal with a record of 2:30 or better.

Sixth.—The progeny of a standard horse when out of a standard mare. SEVENTH.—The progeny of a standard horse out of a mare by a standard horse.

EIGHTH.—The progeny of a standard horse when out of a mare whose dam is a standard mare. NINTH.—Any mare that has a record of 2:40 or better; and whose sire or dam, grandsire or grandam is a standard ani-

TENTH.—A record to wagon of 2:35 or better; shall be regarded as equal to a 2:30

### The Percherons in France.

Our Paris correspondent, in a recent letter, refers as follows to matters pertaining to the breeding of Percherons in

"The production of Percheron horses being limited in France, has stimulated the trade in mongrel breeds from the neighboring regions. To stop this fraud, the breeders of real Percheron horses have very properly founded a Stud Book. Henceforth a good Percheron must establish his family connection; prove that 'all the blood of all the Howards' is pure. I understand that an English com pany is to be formed to breed real Per cherons, and rear them on improved principles. The promoters of the company are buying up farms in the heart of the Perche country. I am also informed Australians have put money into the con cern. Something was really demanded to put a check to the breeder being supplanted by the dealer."

### Horse Gossip.

FOR five years, says H. W. Dunning, in the New York Tribune, I have had a horse with hoofs shelly and brittle, so that it was difficult to keep shees on him during the dry weather of July and August. In May last I dressed his feet with pine tar, and now repeat it every week, and the hoofs are perfectly sound ever in midsummer.

An authority says it is always best to feed variety of food in the ration of a horse. As a single food oats are best; but oats and corn are still better, and oats, corn and barley bettor still. And whatever food, one pint of lin seed meal per day to a horse will be found to pay well in health and condition. One of the best combinations as a food for herses is 800 pounds of oats, 800 pounds of corn and 100 pounds of flax seed, evenly and all ground together. know of a farmer in this county who gives his horses a feed of meal twice a day, and finds they stand up much better under hard work than without it, while their appearance is much improved. It is a great aid to the digestive process in animals.

IT seems as if the demand for horses was bound to keep in advance of the supply. A Topeka, Kansas, paper says that recently three dealers from that place made a trip through the southern border counties of Missouri, in search of horses for speculation. They stopped at all the farm houses, and found but very few horses for sale, and those that were offered were at prices so high as not to leave a margin of \$5 over Topeka prices. The reasons given for the scarcity of horses, are the large num ber of new farms opening, the heavy shipments East within the past two years, and the nonshipment] of droves here, used to come anqually from Texas and California. A good horse that would scarcely bring \$80 in Topeka, will now bring \$150, and ponies that used to sell for from \$35 to \$50, are worth now from \$75 to \$100. This advance in prices will of course cause farmers to engage more extensively in raising good horses for the market.

### Turf and Track.

MAND S. trots at about 950 pounds, and Jay Eye-See at 850 pounds.

W. R. ARMSTRONG, of Almont, is said to have sold a half interest in the mare Belle F .. to J. E. Smith, of Milwaukee, Wisconsin, for

THE trotter Clingstone, retired from the track because of lameness, is said to be rapidly recovering, and is being worked. His record

THE entries for the race meeting at Mt. Pleasant, Isabella County, closed on the 27th ult. The classes for trotters are 3:00, 2:50 2:34, 2:27 and free-for-all. There will also be a free-for-all pacing race, a running race of one mile and repeat, and a trotting race confined to horses owned in the county.

AT the Charter Oak Park, Hartford, Conn on Thursday last, Belle F., owned by Mr. Arm strong, of Almont, carried off first money in the 2:24 class. She was the favorite, allowed Frank to take the first heat in 2:23, to influence the betting, and then took the next three straight in 2:201/4, 2:22 and 2:241/4.

I THE \$5,000 pacing match between Johnson and Richball came off at the Dexter Driving Park, Chicago, on Saturday, August 23rd. Johnson won in three straight heats; time, 2:12:2:11% and 2:1314. Between five and six thousand people witnessed the race. The horses appear in another match at the Minneapolis Fair.

In the \$10,000 trot at Charter Oak Park, Hartford, Conn., on Thursday last, the entries were Harry Wilkes, King Almort, Maud Messenger, Phil. Thompson, Adelaide, Capt. Emmons and Felix. Wilkes was a favorite

place. This changed the betting a little (which was the reason it was done), and then he went in and took the next three heats straight. The time made was 2:2114, 2:17, 2:1916, 2:2114, King Almont taking the first heat.

At New York on Thursday last, Jay-Eye-Se made an attempt to beat the record of Maud S. The track was in fine shape, but a strong wind was blowing. Some 6,000 spectators were present. The horse was in good condition, and after a warming up heat in 2:21½, was taken to the stable and rubbed down, and then ning horse hitched to a sulky. After three attempts his driver got the word, and was off, reaching the quarter pole in 33½. From there to the half his speed seemed to increase, and he went stride after stride like clock work. At the worst turn however the breeze went the upper turn, however, the breeze wen wrong with him and he seemed to labor. The thousand watches held on him told it was thousand watches held on him told it was doubtful whether the record would be beaten. The next quarter was better, but the last, which is generally Jay-Eye-See's strongest, fell off. The time of the heat was 2:12%. The quarter was made in 33 1-4, half in 1:04 1-4, three-quarters in 1:37%. Phallas made an attempt to beat his own time of 2:13%, but in two attempts his best time was 2:18%. attempts his best time was 2:188

#### Some Valuable Testimony

The following voluntary testimony was write ten by Dr. William Sheppard, a graduate of the Royal Veterinary College of London, and Fellow of the Veterinary Medical Association of England, who has a national reputation in this country as one of the best practical and scientific veterinary surgeons of this country, and is also veterinary editor of Dunton's Spirit of the Turf: OTTAWA, Ill., Sept. 27, 1883.

Messrs. Lawrence, Williams & Co.—Gentle-men: As you are aware I have used in my practice Gombault's Caustic Balsam for the past three years, with, I am pleased to inform you, satisfactory results. The cases in which I have principally used it have been in throat and lung affections, such as laryngitis, pneu-monia, etc. In the above I find it acts as at monia, etc. In the above I find it acts as an excellent counter-irritant, without causing the animal any great pain or producing any constutional disturbance during its action. This I deem a very important feature in the treatment of all the above diseases. I have likewise found it very beneficial in bad sprains of muscular tissue, such as injuries to shoulder or hip. I am governed a great deal by the class of cases as to how I apply it, but invariably full strength, without being diluted with anything. anything.

Very respectfully, WM. SHEPPARD, M. R. C. V. S. Every bottle of the genuine Gombault' Caustic Balsam has the signature of Lawrence, prietors for this country.



OUR FRENCH LETTER.

The Pastures of Normandy-A Swiss Here Book-Swiss Cows as a Dairy Breed-Their Habits and How they are Cared

PARIS, Aug. 12, '84.

Normandy is the best pasture land in France, and if such forms an element in so with respect to cattle. A herd book mandy, to say nothing of eggs and poultry, that it has been called the home farm of London. Norman farmers chiefly sin by disregarding the points of excel lence in the bulls, and allowing the latter to serve too many cows. The departments of Calvados and Eure, have entered into the spirit of the idea. Unfor tunately, out of applications for 500 regisbe their head quarters.

Now that co-operative cheese and butter "farmeries" are the order of the day, luxuriant appearance of any of the plots I wish to draw attention to the special breed of cattle in the Canton of Appenzell. The cows are good milkers; small but well built; admirably adapted for mountainous regions, and easily cared. They are small feeders, and their milk is as rich as a Jersey, and as abundant as a Kerry or West Highland cow. They yield from 14 to 20 quarts of milk a day, but the average daily yield for the year is about eight quarts. The cows are hired for the summer pasturage on the slopes of the Alps, for 16 fr. to 20 fr., and received any dressing, but have been cropdescend in the autumn relatively fat. The proprietor himself, or a member of his family, acts as herder, and superintends the sale of the milk at the central depot, or more generally converts it himself into cheese. He may have from 20 to 60 cows. The latter never exceed six cwts. They receive the bull when 18 months old, and when they have had six calves are fattened for the butcher. Young bulls of two

to three years old are selected to serve. Cows intended for the summer highland pasture are preferred if they have been calved in February, and for lowland grazing, if in November. Calves destined for the butcher are only allowed to suckle their mother three or four times. They are then fed from the pail twice a day; milk and water at first; then pure milk, mixed with the refuse of the cheese factory. But they are finished off on goats' milk. The cows are milked twice a day, and receive salt every second day. They are daily curried, and occasionally washed. When wet after a storm of rain, they are rubbed with a wisp of straw this keeps away, it is considered, rheumatism. The Swiss loves his cow as an Arab his horse; he employs neither whip, stick, nor dog; government is all by the

voice. He addresses them as his dear beasts-das liebe vich! It is most essential to secure a cow as leader, or conductrice, that will instinctively find out the rich little nooks of grass. Such an animal will readily fetch 50 to 60 frs. higher prices. This "conductrice" is honored with a specially large bell; there are others with smaller ones, or clochettes. She is faithfully fol lowed by the whole herd, and if a different herd be encountered, no mixing tation is strong to cut the clover and feed find a great want of knowledge concern. up ever ensues. Should a ctrange cow it, then plow and manure or half manure ling this very complaint .- Nat. Live-Stock

at heavy odds, but in the first heat was in sixth ambition for chieftainship, a death fight comes off, if the intruder be not removed. The bells are slung from a leather collar round the animals' neck; they chime in with the owner's chant-le ranz des vaches, or Kiihereichen. At the sound of this chant, which is not composed of words, but of alternate low and high sounds, all the cows come home. Women are best at the chant, and can call a herd from a great distance. If a cow, born and reared in the Alps, be exported, and if by chance it hears in its new home the ranz, brought on the track accompanied by a run- it will paw the ground, prick up its ears, cock tail, and rush through all bar riers. Bells produce the same effect. All these Alpine cows detest dogs with a cat hatred. The herds are always headed by four or five beautiful goats; as many older ones bring up the rear. All the cows wear their bells when descending into the lowlands for the winter; the conductrice has her gala bell, which is 14 inches in diameter, and costs 100 frs. It is quite a patriarchal procession. These cows seem to have an acute instinct; thus, if they go too near a slope which overhangs a precipice, when they feel them selves gliding towards destruction, they throw themselves on their belly, close their eyes, and await the inevitable dash and crash if not rescued by ropes. When a storm threatens the cattle are housed. otherwise in turning tail to hurricane, they would rush with closed eyes into perhaps an abyss.

#### Effects of Manure. Certain recent experiments by Dr. Voel-

cker, at Woburn Farm, Eng., have given results of a very interesting and suggest ive character. Some point in the direction indicated by experments at the Ontario Experimental Farm, where for a period of seven years superphosphate mixed with barn-yard manure gave much better results than when used alone, and considerably better results than when only manure was used. At Woburn in the stock yard fields, on plots on which, for years in succession, wheat has been grown without any manure, the crop, although light in color, is remarkably good. In Williams & Co., of Cleveland, Ohio, on the 1877 these unmanured plots gave 2% bushlabel. They are the sole importers and pro- lele of wheat per acre. The produce fell gradually to about 91 bush. in 1880, but in the past three years they gave respectively 16, 12, and 25 bush. These results Dr. Voelcker attributed chiefly to the cleanly cultivation. As to tilth and clean. liness, the soil is certainly in the very pink of condition, almost garden like, in fact; and there can be no doubt that the matter of cultivation has a great deal to do with the productiveness of land. Plots dressed simply with mineral manures presented an appearance scarcely any better than that of unmanured plots-that is, the application of mineral manures had exercised no appreciable influence on the wheat crop. Nitrogenous manures have been the case of Percherons, it more than does applied in salts of ammonia and nitrate of soda. In wet seasons the ammoniated has also been founded to maintain purity salts seem to give the higher results, in the case of milch cows. Such is the while nitrate of soda usually excels in the demand for the milk products of Nor- production of barley, which delights in readily available food. On certain plots both the mineral and nitrogenous manures have been applied, and the crops on these, as a rule, promise well-decidedly better than the plots dressed with mineral manure alone, but not much superior to the plots dressed exclusively with nitrogenous

manures. The most striking point is the remarktrations, only four bulls and 32 cows ably thorough exhaustion in a single were deemed worthy of being enrolled in crop of dressings of nitrogenous manures. the livre d'or. Five years ago Switzer- On portions of certain plots, which had land attempted to establish a herd book. been dressed every spring since the com-After numerous difficulties, a success is to mencement of the experiments with nitrohered to the central register. It only for one year, with the result that the protakes cognizance of what are called the duce fell almost as low as that from the grand bovine races; these are included plots which have given a crop of wheat under two heads; the red and white, and every year since 1876 without manure of the black and white breeds. Upwards of any kind. To these half plots from which 281 breeders adhere to the conditions of the nitrogenous manures had been with the herd book, and Fribourg appears to held in 1883 the nitrogenous dressing was given last spring, and at once the crop shoots ahead, presenting about the most in the fields. .. It would thus seem well established that dressings of nitrate of soda and salts of ammonia are good for one

season only. The crops on the plots that have been annually dressed with farm-yard manure. (about eight tons per acre) present healthy appearance, but they are not quite equal to those grown by nitrogenous manures. Two plots which got about the same quantity of farm-vard manure in 1877 and four following years have not since ped with wheat every year. This has been done with the view of discovering what residue of the former dressings of farm-yard manure might be stored up in the soil, and how long this residue might continue to influence the crop. The yield the last two years fell off considerable. but still it was in excess of the yield of the unmanured plots, and these results and the appearance of the crop this year clearly show that farm-vard manure acts slowly, and that the influence is much more lasting than that of artificial manures. The barley plots are arranged on the same plan as those of wheat, while results have also been similar .- Toronto Globe.

### Wheat Growing.

A correspondent of the Ohio Farmer " Much has been written from time savs: to time about summer fallowing and plowing under clover. Both are good, and if properly attended to in detail will pay on most soils. I am inclined to the opinion that clover is, after all, the cheapest and best paying fertilizer, especially after all the manure from the barnyard has been spread upon the land, and yet not enough to go over the field. I have noticed that those farmers who de pended most upon clover seemed to be most successful. Pure ground bone is good, and some of the phosphates are equally good. Clover, however, should be given a fair trial by every wheat grower. Mr. Harris, one of the best authorities on wheat culture, always advocates clover. It is not the value of clover as be added to the herd, and display an the land, and with a hasty preparing of Journac.

the seed-bed a yield of ten or twelve bushels per acre will result, where the wheat is not winter-killed.

"Two things should be constantly kept in mind in preparing for a good yield -plant food and a seed-bed. Thousands of pages have been written and published on both subjects, and still we find a wide diversity of opinion as to the best and cheapest plant food, and whether a deep or shallow seed-bed is needed. From the testimony of the best wheat growers, also observation, and more valuable still, my own experience in growing wheat, a pulverized shallow seed-bed is most profitable because more certain to insure a good crop. Soil prepared in this manner induces the roots to spread horizontally instead of downward, and when the frost comes the whole bed of wheat is lifted without breaking the roots. A shallow seed-bed does not mean a shallow plowing, but that two or three inches of soil on top should be finely pulverized before sowing. The bed below should be reasonably compact, but not enough, of course, to hold water. If conditions are favorable from is the most powerful friend the farmer has for pulverizing the ground. If, however the wheat grower fails to take into account the probable and possible action of frost he will more than likely find it his greatest enemy. Millions of bushels of wheat are lost each year by reason of carelessness and failure to study the actions of frost on wheat roots. Wheat is not liable to winter-kill if the seed-bed is properly prepared and the wheat sown early enough to get a fair horizontal root before the ground freezes."

### Agricultural Items.

Boys who are doomed to hold open the nouths of bags rolled over a couple of corn cobs, will appreciate the suggestion of the Farm Journal. A bottomless pail, with an iron hook to hang it over the edge of the grain bin, or any other board, makes a good bag-

THE President of the Berks County, Pa. Agricultural Society says more wheat is ruinnd by deep sowing than by shallow planting Wheat that is sown six inches deep will take root at the bottom. The frost will break it off. and it will then start again at the surface, thu sustaining a set-back.

It has been the opinion of most persons that water drank by the cows in large quantity lowers the quality of milk. But Dr. Lawes says after careful experiment with a herd of thirtyone head, that the drinking of more or les water had no effect on the quality of the milk, proved the cows were well fed.

THE broom corn fields near Champaign, Ill., are badly injured by a species of fungus which attacks the leaves and leaf-sheaths, covering them with crimson spots which spread and finally cause the leaves to dry and crumble The fields worst affected are those in which broom corn has been grown for several suc cessive years.

FIELD potatoes should be dug as soon as fully grown; they will come out much er than if left until cold weather, and be sides, if intended for market, they will be ready for the first good offer that is made. Potatoes are not improved by drying them in the sun, but it is much better to dig in dry weather, and carry them at once to a cool dark place, where they will not dry up in ho weather, or freeze in cold weather. THE Rural New Yorker says: " If the clove

fields show few or no red blossoms, the midges are at work, and the best thing to do is to cut t soon for hay. A good second crop of clover made into hay and properly fed is worth quite as much as the crop of clover seed, were (no midge present; but where the pest is abundant there need be no expectation of seed. Don't be recorded. All the Cantons have ad genous manures, these were withheld be deceived by the plump, hard feel of the heads, as a head filled with the midge larvæ is as plump and nearly as hard as if filled with A CORRESPONDENT of the New York Tribune

washes his harness once a week on a new plan, which he describes: "Instead of tubs of hot water and strong soap, and scraping and brushing to get off the long-accumulated dirt and then such a quantity of oil as to make the harness unpleasant to handle for a length of time, I take a basin of water, very slightly heated, and a little castile soap, wipe off the harness, and then a few spoonfuls of oil make it pliable and pleasant to look at. This saves time and harness both. In itwenty minutes at the most I can clean and oil a harness, and it looks new all the while."

Hood's Sarsaparilla sold by druggists. \$1; six for \$5. Made by C. I. Hood & Co., Lowell M 8:

## The Poultry Pard.

Indigestion in Fowls.

The male birds seem more frequently to be the victims than hens. Our hens have suffered occasionally from this same cause and we have never been able to combat the disease succesfully, except when the case was taken in hand at the first appearance of the trouble.

The symptoms, as we have observed them, were, first, a loss of appetite and moping, speedily followed by a weakness of the legs and a disinclination to stand. The crop is usually rather full, and, in addition to the food, contains a vellowish colored, very offensive watery substance, which will run out of the mouth if the bird is held with head downward, and the crop pressed by the fingers.

We believe the primary cause of this trouble to be indigestion, to which fowls are very subject, and that if the fowl is taken in hand at the first commencement of the attack, and a dose of castor oil poured down its throat, after purging it vell, feeding it on soft, and slightly stimulating food, a cure might be effected. If the fowl is neglected too long, it becomes feverish and weak, and a purging would result in death. If the bird has been troubled for any length of time, we would advise feeding with soft stimulating food.

The following is highly recommended as tonic for debilitated fowls: Cinnamon bark in fine powder, three parts; ginger, ten parts; gentian, one part; anise seed, one part; carbonate of iron, five parts. Mix thoroughly. A teaspoonful to a pint hay, but its value before being cut. In of food is all that should be given. Avoid grass and dairy districts the temp- giving raw meal dough to a sick fowl. We Diseases in Poultry.

A correspondent of the N. Y. Tribune says: The most frequent diseases in poultry are those resulting from uncleanliness, impure air and over-feeding. A poultry-house in which the air is poisoned by the vapors from decaying droppings is unwholesome to the fowls and they soon suffer from catarrh or roup, cholera or intestinal fever, cramps, gout, rheumatism and other muscular inflammatory diseases and blood diseases, which cause the comb to turn black, the eyes to ecome blind and the birds to die very rapidly. It is almost useless to try to treat sick fowls, because death is so rapid, but when one is found ailing it indicates the existence of some source of disease, and this may be averted by prompt sanitary precautions and the use of some simple medicine. Hyposulphite of soda is the most useful antiseptic medicine that can be used, and it is easily given dissolved in water in which some meal is mixed.

Says the Country Gentleman: "It is of the utmost importance to have plenty of pure running water for the fowls to to drink, and bathe in. Nothing contributes more to the health and vigor of the birds than good, pure water, and nothing relating to their care and management is, perhaps, more neglected. If a stream is not accessible, then fresh water should be supplied in shallow tanks, replenished at east three times daily. The principal cause of cholera and many other disease is stagnant water coupled with unclean quarters.

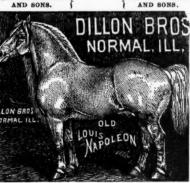
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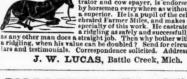
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THREE RIVERS, Aug. 11, '84.

e Editor of the Michigan Farmer. DEAR SIR -I have three acres of sandy which I desire to put into small berries. One acre to strawberries, acre to blackberries, and one to raspberries. Having had no perience either in planting or cul-e of berries, I would like some inforion on the subject. When is the best and contains an abundance of the eleto plant those varieties of fruit?
should the ground be prepared? ments necessary to its growth. It should best and most successful manner of ting and cultivation, best and most poor subsoil should be brought to the ductive varieties of each kind to plant surface. It is well to have it prepared the home market, and also for ship some little time in advance so that it may g earliest and latest varieties that are have time to settle somewhat before the plag carries and Hoping to hear from profitable to grow Hoping to hear from through the columns of the FARMER, plants are set. The surface should be rich. This is especially important with fall-set W. M. H. plants as their roots have comparatively

The best preparation for a plantation femall fruits would be a sod, or a crop d clover, plowed under, rather deep, and altivated one season with a hoed crop. he ground should be free from the seeds freeds, and should be deeply plowed. glesst once-better twice, before plantag. If not already rich, it should be well enriched with manure.

RASPBERRIES.

Red raspberries are better to be planted The rows should be from six to seven feet apart, and the plants from two to hree feet apart in the rows. Plow a maight furrow for each row, and trim the face of the furrow to a line (for rows must be straight); let a boy take an armful of plants, placing them one by one gainst the face of the furrow at the roper depth, while a man with a hoe hauls enough earth against each to cover he roots, and hold it in position till the alling in and compacting of the earth can be completed, which may be done by a third person.

The planting may be done at any time. after the plants have matured their foliage in autumn-better early, say in October or early November.

After the ground shall have become rozen at the commencement of winter, will be well to give the rows a slight sulch, but this must not be depended upon to take the place of cultivation during the growing season.

These may also be planted in the fall, and the above directions apply fully to hem, except that the rows should be from seven to eight feet apart, and the plants fully three feet apart in the rows. BLACK CAP RASPBERRIES.

Except in favorable seasons in this bitude, Black Caps mature the rooted "tips" so late in the season, that it often moves impossible to procure well rooted

plants for early planting. Even if quite late, if the soil is sufficently drained, not to be liable to standhe water during the wet season, they may be planted in autumn, although the advantage will be less decided than in the onse of the red varieties.

The directions for blackberries will suffce for these also, except that the "tips ' should be planted about four inches deep, although on light dry soils they may be planted even six inches deep, with good results. Deep planting may, to me extent, suffice, instead of staking and tying.

out runners which must be cut off as soon With both raspberries and blackberries, he ground should be thoroughly tilled with hoe and cultivator, till the middle of set until the end of the growing season; August, after which growth should be but all deep cultivation should be disconchecked by intermitting all cultivation. tinued after the first of October lest the except that quite late in autumn, the surface roots be injured. between the rows should be ploy ed, throwing the furrows toward the nows. All sprouts, save those within a not of the centre of the row, must be treated as weeds, and mercilessly detions on the fall culture of flowers, from an article by M. Milton, in the Country

STRAWBERRIES.

Some writers advise the planting of strawberries in autumn—say as late as October. Further south, where the season of growth continues later, this would robably be safe practice, but in this atitude we are inclined to advise spring planting instead, especially when to be done on an extensive scale. A moderate sized plat for the garden, may be planted and carried easily past danger, during August or September, giving a partial crop of fruit the ensuing year.

Prepare the ground as above directed. Plant as early in spring as the condition of the soil will permit, but be sure that the ground is thoroughly and deeply pulverized. Lay off the rows three and a half to four feet apart, and plant by a line, as it is important that the rows be traight, setting the plants from twelve to year before they flower, and if not allowafteen inches apart in the row. A flat ed to flower too much, they will last for dibble or a spade is the most convenient years. Nothing looks prettier than a implement for the purpose, with a nimble boy to handle and place the plants as the penings are made.

No device, in the way of mulch, will mfice as a substitute for the persistent the of the cultivator and hoe, during the first season. Not a weed should be allowed to go to seed.

Cover the plants with a light mulch after winter shall have commenced, and the ground frozen, but remove it, and with the opening of spring, and the starting of weeds, turn a deaf ear to croakers, and put the horse and cultivator through the plats, running it as shallow as possible, and clean out every weed that shall have escaped with the hoe and fingers, after which re apply mulch along the rows, to protect the fruit from sand.

VARIETIES. Red Raspberries .- Cuthbert, Reder,

Shaffer; and for home use, a few Herstine, Superb and Caroline. Black Caps. - Souhegan, Ohio, Gregg. Blackberries .- Snyder, Taylor, Walace, Kittatinny. Strawberries. - For near market - to be

kert in narrow rows-Bidwell, Alpha, Arnold's Pride, Mount Vernon-al. bisexual or perfect flowering. For near market-to be grown in matted rowsrescent (pistillate), Charles Downing, Rentucky, (late). For remote marketsbe grown in matted rows-Wilson, Marchester, (pistillate), Miner's Prolific.

There are several among the newer and that sowed in the spring, Myosotis Asorica partially tested varieties that seem likely is fine for fall planting. to displace some of these named; but it is yet too soon to speak confidently respecting them, and hence we omit them.

little time to go far in search of food.

There is another advantage in encourag-

ing surface roots; they are not drawn out

nor broken by the expansion of the water

and fall with the ground: Roots that run

deep are apt to be broken or drawn out-

as red clover-while white clover roots re

main uninjured, although frozen and

thawed a dozen times. If the soil has

been enriched for a previous crop, so much

the better; but if not, well decomposed

stable manure may be worked into the

surface either before or after setting the

plants. Bone dust and wood ashes will

supply all that may be lacking in any soil,

and these can be obtained in nearly all

parts of the country Of all the fertili-

zers none is safer to buy than pure ground

bone. It must, however, be decomposed

before the plants can use it, as they take

up all their food in solution. For imme

diate effect it is sometimes advisable to

lime) which will be washed down to the

roots by the first rain. It should be im-

pressed on the mind of every tiller of the

soil that neither pleasure nor profit can be

derived to any great extent from cultivat-

by being taken up and reset, in the grow-

ing season, even though this be done in

method I have used with great success for

more than a quarter century: The plants

are taken out of the damp soil, with great

care, divested of all runners and superflu-

The roots are spread out in fan shape,

with the crown even with the surface, and

a little damp soil put over the roots and

pressed firmly against them. The balance

of the soil is then filled in loosely. If the

weather be very hot after transplanting,

and watered, if necessary, and in a few

Autumn Culture of Flowers.

Gentleman.

We take the following timely sugges

"Flower beds intended for annuals and

all hardy and half-hardy flowers, should

be dug over, and a good many kinds of

seeds sown. All herbaceous plants, with

few exceptions, are better divided and

planted in the fall. There is one class of

herbaceous plants that I would like to see

more cultivated than it is, namely, peren-

nial phlox. There are many different

varieties to be had now, some most beau-

tiful, varying in color from pure white to

bright crimson. They are easy of culture

"The hollyhock is another plant of

which there are some fine colors, and

which can be easily raised from seed, if

surrounding the flowers. Sweet williams,

of which there are innumerable varieties,

single and double, can be easily raised

material during winter, be they ever so

hardy. In a state of nature they are pro-

habitats vigorously, which if brought

into the garden and cultivated barely live.

This is often, to a great extent, caused by

not properly taking care of them during

winter; leaving them unprotected instead

"Annuals which love a moist, cool soil

to grow in are, for the most part, better

sown in the fall, just late enough not to

vegetate until spring, which they do much

earlier than if left and sown in the

is Phlox drummondii. On well drained

soil seed sown in the fall will produce

spring. One of the best for this purpose

of giving them a slight covering.

sow these things.

and are also easily propagated.

day, for a time, will be an advantage.

"A plant receives more or less of a check

ing poor land.

T. T. LYON. Fall Planting of Strawberries. Matthew Crawford, in a circular on the planting of strawberries in autumn, says: "The soil for the strawberry should be rich and moist, but not wet. It matters

always too late in planting them. Unless planted very early in the spring they will not succeed; only those who have planted in the fall know the abundance of flowers a short row will produce. When about four inches high, put in the supports; do not let them lop over, as this so checks their flowering that they do not not whether it be sand, clay or muck, so equal such as are well staked. All shades that it furnishes anchorage for the plant of color can be produced from a good strain of seed, and then what flower has a sweeter smell? Put in plenty of seed, be stirred to a good depth, but little or no about four inches deep."

"The reason we do not see more sweet

peas in cultivation is because people are

Preventing Smut in Wheat.

A correspondent of the Southern Planter tells that journal how he prevents smu from attacking his wheat:

"To twenty gallons of water add three pounds of bluestone; let it dissolve, then take the wheat in a basket made of splits and immerse it in the water, basket and all, one minute, and then take it out and let it drain two or three minutes longer; in the soil when it changes to ice, but rise then pour it out of the basket on the floor, and in three hours it will be ready for the drill. I never use any drier-it is not necessary. I find that to wet the wheat thoroughly is all sufficient, I only use the solution once in two years, or every other year, and have never had any smut in my wheat. I have practiced this mode for ten or fifteen years. In soaking the wheat twelve hours you increase the bulk nearly one-half, and that is the reason it is not thick enough. I have used salt in the same way, and it does as well as bluestone."

#### Horticultural Notes.

Rops of the taller growing sumach which have run up straight and clean, make excel. use dissolved bone (super-phosphate of lent and durable bean poles.

KEEP cherry and peach pits which are to be planted, in a damp cellar until spring. Then

A. M. PURDY believes that the Jumbo strawberry is going to "take the cake" as an extremely late variety.

the most skillful manner. The following green have been scattered over the potato fields of Maine the present year, at a cost of ALL dead wood should be removed as soon as convenient after raspberries have done

It is estimated that over 100 tons of Paris

ous leaves and thrown into a pail of fruiting. This advice also applies to the blackberry, and is prompted by the belief that water. They are then carried to the new bed and each one taken out and planted. a dead branch largely taxes the vitality of liv-A CORRESPONDENT of the London Garden has discovered that permanganate of potash is a valuable plant food, that plants can be watered with it without injury, that it is offensive and

destructive to the green fly, and that a little

a little shade during the middle of the added to the water of vases prevents it from

becoming offensive and preserves the flowers "Another very satisfactory method is to set the plants about four inches apart in An enemy of the grape, in the form of a loamy soil, with the roots spread out grape bug has been discovered. The eggs are deposited by a small black fly upon the skin of carefully and covered with half an inch of the grape, and the young grubs would work earth. In this situation they can be shaded their way into the immature seeds soon after hatching. The infested fruit usually shrivels days thousands of new roots will be sent in midsummer. The best remedy for the pests out. They may then be taken up, after a is to gather and burn the affected grapes.

thorough watering, with the soil adhering, and set in the new bed, where they will A RICH, deep, well-drained loam is undoubt grow from the first without wilting. This edly the best soil for the raspberry. It is sooner injured by excessive moisture than almost is the best way to treat all plants received any other cultivated fruit, and in planting an from a distance. Soon after the plants elevated location should, if possible, always be are set out they will commence to send selected. In planting black caps of strong growth, like Gregg, the rows should be at as they appear. The soil should be kept least seven feet apart, with plants three feet well stirred from the time the plants are

DR. CALDWELL, speaking of tests of fertilzers in the New York Tribune, says there should be variety in the experiments. Because one fertilizer with one kind of crop gives no good result, it does not follow that it may not give good results with another kind of crop; or if there is a decided difference in soils on the farm the same fertilizer may give satisfactory returns on one field if not on another.

C. M. WEED, in the New York Tribune says "A neighbor who raises many cabbages sent his hired boy into the field almost daily the present season with a gauze net to catch and kill all the white butterflies, which are the parents of the green cabbage worms. At first fifty or sixty were caught in the hour devoted to them, but later they became much scarcer. This, combined with an occasional picking of the larvæ, has kept the cabbage almost free from the pest."

THE American Cultivator says that an affection of raspberries which is often lumped under that much-abused term "fungus" growth. is a spongy swelling of the canes just above the ground, and sometimes extending down over the root. A section of this enlargement will it is sown early enough in the fall to disclose numbers of larvæ. These swellings secure plants large enough to endure the are galls caused by the puncture and deposi winter. It is necessary to start them the tion of eggs by the raspberry root gall-fly (Rhodites radicum). The only remedy known is to barn the canes.

Massas, Elwanger & Barry, the noted Rochgood double hollyhock with ample foliage ester seedsmen, advocate hill culture for the raising of strawberries in the garden. To ob. tain line, large, high flavored fruit, pinch off the runners as fast as they appear, repeating from seed if sown early enough to make the operation as often as may be necessary good, strong plants. Now is the time to during the summer and early autumn. Every runner thus removed produces a new crown in "All beds containing herbaceous plants the center of the plant, and in the fall the should be kept perfectly free from weeds plants will have formed large bushes or stools until frost, as they are the first things to on which the finest strawberries may be ex start in the spring, and, owing to press. pected the following season. In the meantim the ground among the plants should be kent ing work, are apt to be neglected until clear of weeds, and frequently stirred with a they have made considerable headway. Perennial plants are much benefited by having a covering of some protecting

THE Red Astrachan apple, says a correspon dent of the N E. Farmer, for its full development, needs a rich, deep soil, kept in good con tected by the decayed flower stems and dition. Much of the fruit seen in the market leaves, which are generally cleaned off is very inferior as compared with the best when growing under cultivation. We specimens. When at its best, the Red Astrachan is a large, beautifully colored apple, and often see plants growing in their native the flesh is so tender and crisp and juicy, that athough it is quite a sharp acid, it is keenly relished by those who like acid fruits. The apple is the best when allowed to remain on the tree until ripe enough to eat, and taken direct from the tree and eaten. Every one who has space for one should have a Red Astrachan in his contains to supply his family. in his garden to supply his fan

Ayer's Ague Cure is the only remedy known which is certain to cure Fever and Ague permanently, by expelling the malarial poison which produces the disease. It does this sure ly and leaves no ill effects upon the system. Nothing is so thoroughly depressing and discouraging as the periodical return of the alternate chills, fever and sweating, peculiar to this stronger and more vigorous plants than disease.

### Apiarian.

THE MICHIGAN FARMER

WAYNE COUNTY APIARISTS.

A Visit to the Apiary of M. H. Hunt-What we Saw at the Farms of Mr. Pierce. Mr. J. D. Perry and Mr. P. Bradner.

We had long ago promised ourself a visit to the farm of Mr. M. H. Hunt of Belle Branch, Wayne Co., to have a look over his apiary, and see how the dry weather, politics, the depression in busi ness, and other incidents of a like nature that will make the year 1884 conspicuous in history, were affecting bee-keepers. At Beach Station, on the Detroit, Lansing & Northern, we caught a glimpse of a buggy and Mr. Hunt awaiting the arrival of the morning train, and it only took three minutes to leave the train, jump in and start for the village of Belle Branch. two and a half miles distant. This part of Wayne County contains some excellent farming lands, the soil strong and productive, and the appearance of the farms passed suggested a thrifty and prosperous community. Mr. Hunt is located on a small farm of

42 acres, bordering on Rouge River. It

is nicely situated, good soil and well drained naturally. His apiary, containing between 50 and 60 working swarms. is in the front yard at the side of his residence, a few rows of grape vines separating it from the road. In the rear of the apiary is the honey house, filled with all the appliances that the modern bee-keeper, who is up with the times, considers necessary to his business. It is a small building two stories in height and is used for extracting, packing and storing honey. Here were all kinds of packages, the plain sections of different sizes, holding from a pound upward, glass packages running from those holding a few ounces to those holding a few pounds, stoneware packages, tin packages, etc. A neat thing was a fancy pasteboard box, into which a pound section would fit, with a tape loop to carry it, and the outside showily decorated with lithographs. Some of the small glass jars had a bee-hive blown in the glass. The others were also neatly decor ated, the idea being to put the honey into market in an attractive form and in shape to meet the various wants of consumers. Here also we saw a well executed monument in wax, with the name "Huber," in the panel. It will be on ex hibition at the State Fair, and will prove an attractive addition to the apiarian exhibit there. Most of the honey secured so far this season had been shipped out, but there was sufficient lying around to make the honey house quite an attraction to visitors, the samples being beautifully clear. In the apiary we had an opportunity to examine a colony of the famous Palestine bee, which Mr. Hunt regards as a valuable addition to an apiary. They are very quiet, and attend strictly to business. Perhaps, like some other foreign citizens, they will change their habits when they get naturalized, and use their business ends with more

freedom. Let us hope they will not. In rear of his residence Mr. Hunt has put up a building for a work-shop, and here we found much to interest a visitor. It shows how well systematized the business of the apiarist is becoming. This shop is a busy place early in the season, a number of hands being employed in making frames, hives, comb-foundation, pack ages of various kinds, etc. Wooden racks along the sides held the various articles in convenient shape to pack for shipment as ordered. A work bench occupied the other side, and a scroll-saw and other necessary tools were arranged around. In a small building attached to the main one is a small boiler and engine, which furnishes power to run the machinery. Mr. Hunt manufactures and ships bee-keepers' supplies in large amounts, and all over the country; the business increases rapidly and is likely to attain large proportions. Mr. Hunt has found the business a paying one, his sales of bees, honey and bee-keepers' supplies being satisfactory, and the superintendence of the apiary and factory requires his whole at tention. He said his colonies had given an average return of \$10, besides which. during the year he had sold 120 swarms. One colony this season had already given him 94 lbs. of honey. He is preparing an exhibit for the State Fair that will be a credit to himself and the bee interests of the State.

In the afternoon Mr. Hunt drove us to the farm of Mr. A. Pierce, who has been a bee-keeper for years, and still has an apiary of about 80 swarms to care for, in addition to a large farm, whose fields showed that they never suffered from lack of care and attention. He said his apiary in busy times did not get the care it should but on the whole had done well. He is arranging a building for packing and storing, and will then be in good shape. We found Mr. Pierce a very busy man, as in addition to the usual farm work, the care of his apiary and a fine orchard, he was building what promises to be one of the largest and handsomest barns of the county. It is 42 by 100 feet, is to have a stone basement nine feet in the clear, in which he proposes to arrange a stable for his horses, and shelter for his cattle One feature of this barn will be the care taken to afford an ample supply of light and good ventilation for the stock, two points that very frequently do not receive the attention they should. Mr. Pierce's corn, despite the very unusual drouth that had affected this neighborhood, was looking very well, and a heavy rain would

insure a fine yield. From here we drove over to our oldtime friend Mr. James D. Perry, whose cordial greeting showed he still had a regard for the FARMER and its attaches. He showed us over his fields, through a handsome orchard, which has never produced a crop, and his corn-field, showing how thoroughly they had been tiled, and expatiating on its benefits to the soil. He was a pioneer in tile draining, and said some of them had been down for twentyfive years but were still working well. His orchard is a curiosity. Here is as handsome a lot of apple trees as are to be

found, well cared for, the soil productive and well drained, and yet they have never produced an apple. Perhaps some of our horticultural friends could assign a reason or suggest a remedy for such an anomaly.

After looking over some very nice horse stock, of which Mr. Perry is a great admirer, we started for the farm of Mr. P. Bradner, whom we found in his orchard, which is evidently his pride, and shows judicious handling. Here we found a start had been made in bee keeping, Mr. Bradner having got some colonies from Mr. Hunt, and they were hard at work. As milk and honey naturally go together, Mr. Bradner has also secured some Jersey cows, and has two females from the herd of Judge Marston, and a bull, all registered in the A. J. C. C register. The cow and heifer have calves, and Mr. Bradner thinks he is now in a fair way to secure a herd of Jerseys. We had a very pleasant visit with him and his family, and then started back to Detroit, Mr. Hunt getting us to the depot in good time to learn that the train, as usual on the Detroit & Lansing, was nearly an hour behind. The whole country in this direction is suffering severely for want of rain, the pastures being dried up, and the corn and potatoes being damaged. They have had but two good showers since May, while the country on both sides of them, though very dry just at present, had a number of heavy showers the latter part of July and beginning of August. We had a very enjoyable visit, and returned without even a sting to detract from its pleasures. To Mr. and Mrs. Hunt the FARMER representative is indebted for their kindness and attention.

Aunt Rachel's Joy.

Rev. W. B. Evans, Washington, D. C., writes: "Aunt Rachel, the dear old colored saint, who has been a constant sufferer with Inflammatory Rheumatism for sixteen years. has been greatly benefited by ATHLOPHOROS I consider it almost in the light of a miracle She is almost beside herself with joy. The pain has all left her limbs. A little stiffness emains, but another bottle will effect a permanent cure. It is indeed a most wonderful medicine. I think it ought to be spread hroughout the length and breadth of this

NEW ADVERTISEMENTS.

### DIPHTHERIA!

THE PROSTRATION which follows Diphtheria, and the persistency with which it clings to the patient, are well known to all who have had any experience with this terrible disease.

The following letter shows how the restoring and invigorating properties of Hood's overcome it, and how by vitalizing and enrich-Sarsaparilla ing the blood it neutralizes and eradicates the poisoned matter from it, bringing to the convalescent the color, life and vigor of robust health.

Lowell, Mass.

Messrs. C. I. Hood & Co.: Gentlemen—
My little girl had the diphtheria last April.
The disease left her very weak, blood poor,
with no appetite, and she could not seem to
rally from its effects. Hood's Sarsaparil.
La was recommended by a neighbor. After
she had been taking it a few days we noticed
a change for the better—she began to eat
with a relish. It seemed to take out the
poison the disease had left in her blood, the
change being very noticeable in her face.
She took it two months and fully regained
her health, much to our delight. We now
recommend Hood's Sarsaparilla with a
great deal of pleasure. Very truly yours,
J. R. SMITH,
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"That Extreme Tired Feeling." "The first bottle has done my daughter a great deal of good; her food does not distress her now, nor does she suffer from that extreme tired feeling which she did before taking Hood's Sarsaparilla."

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MRS. H. MCKAY, Lowell, Mass .: "I

can recommend Ayer's Sarsaparilla. to all afflicted." [Her son cured by it of Scrofulous Swellings, Dizziness, and Internal Fever.]

GEO. ANDREWS, Lowell, Mass .: "No

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REV. W. E. PENNINGTON, Central South Hampton, N. B.: "AYER'S SAR-SARSAPARILLA has made a new man of me." [Cured by it of General Debility.] MRS. E. B. TOMPKINS, Brooklyn, N. Y.
"AYER'S SARSAPARILLA has done me untold good. Nothing else has been so efficacious."
[Cured by it of Feminino JOHN J. RYAN, Athletic B. B. C., Philadelphia, Pa.: "AYER'S SARSAPA-RILLA cured me." [Cured by it of Rheu-matism.] Ailments.

ORLANDO SNELL, Lowell, Mass.: "I enjoy better health than ever before, due solely to the use of Ayer's Sarsaparilla." [Cured by it of Carbuncles and Debility.] LA." [Cured Debility.]

NATHAN S. CLEAVRLAND, Boston, Mass.: "A most valuable remedy for the lassitude and debility incident to the spring season." [His daughter cured by AYER'S SARSAPARILLA of Headaches, Dizziness, Indigestion, and General Debility.]

doubt whatever that I owe my recovery to AYER'S SARSAPARILLA." [Cured by it of Salt Rheum.] MILTON FOX. Dracut, Mass.: "The one I would recommend above all others as a blood purifier." [Cured by AYER'S SARSAPARILLA of Serofulous Humor "AYER'S SARSAPARILLA is a perfect blood purifier." [Cured by it of long standing and severe Scrotulous Huand Dyspepsia.]

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Phenol-Iodo-Potassique veterinary dressing. For the antiseptic dressing of all kinds o juries, lacerated, torn or punctured wounds, diseases of the feet, suppurative corns, complicated eand quarter crack, cartilaginous quittor, thrushes, etc.

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### A correspondent of the Chicago Tribune writes from Mason City, Ill., as follows:

State Journal of Agriculture.

## JOHNSTONE & GIBBONS, Publishers.

OFFICE OF PUBLICATION: 44 Larned Street, West, (Post and Tribune Building), Detroit, Mich.

P. B. BROMFIELD, Manager of Eastern Office, 21 Park Row, New York.

# The Michigan Farmer

State Journal of Agriculture.

DETROIT, TUESDAY, SEPTEMBER 2, 1884.

### WHEAT.

The receipts of wheat in this market the past week amounted to 380,286 bu. against 359,453 bu. the previous week and 238,206 bu. for corresponding week in 1883. Shipments for the week were 291,600 bu. The stocks of wheat now held in this city amount to 324,876 bu., against 200,057 last week, and 187,950 bu the corresponding week in 1883. The visible supply of this grain on August 23 was 18,021,615 bu. against 18,653,739 the previous week, and 21,028,842 bu, at corresponding date in 1883 This shows a decrease from the amount in sight the previous week of 632.124 bu. The export clearances for Europe for the week ending August 23 were 2,901,971 bu., against 2,298,058 the previous week, and for the last eight weeks they were 13,833,154 bu. against 10, 031,932 for the corresponding eight weeks in 1883.

The market has shown some activity the past week, and in the early part of it values were strong and advanced 1c on in which carried white 1c below the figures of a week ago, while red maintained a part of the advance made. Red grades have ruled the strongest all week, both for spot and futures. The market vesterday was quiet but a shade higher than on Saturday. Cash wheat was mostly inquired for, only 35,000 bu, of futures being sold. At Chicago the market was also higher, and quite active. Toledo was quiet but firm, at 831c for No. 2 red, 85tc for No. 2 soft, and 80tc for No. 3 do.

The following table exhibits the daily closing prices of wheat from August 14th

																white.	white.	red.	red.
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Aug	14	١.														90	85	84%	
66	15	١.														88		831/4	
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66	20	١.														8516		8416	79
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44	270	١,					٠									831/6		84	761/
46	27	١.														84	79	85	771
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66	20	١.	٠		*						٠					823/4		84%	78
46	30	١.														8216		841/4	784
Sep.	1									,						83	76	84%	781

Speculative dealing is limited to very small proportions, and but little interest is manifested in the trade. In No. 1 white the closing quotations each day for the past week were as follows:

Tuesday	August.	84	8
Wednesday	841/9	85%	8
Thursday		83%	8
Friday		831/4	8
Monday		821/2	
		-	-
For No. 2 red quo	tations	on fu	tur

closed on the days named the past week as follows:

Monday 84%
C. H. Adams & Co., successors to Mc-
Cormick, Adams & Co., of Chicago, have
issued a circular giving the results of the
wheat harvest in the various States as
collected by their agents. These figures
show a considerable increase in the yield
of many of the States as compared with
those of the Department of Agriculture,
or with those issued by State officials.

	Wheat crop,
	1884.
Ohio	37,000,000
Michigan	27,000,000
Indiana	37,800,000
Illinois	36,200,000
Missouri	
Kansas	38,800,000
Kentucky	15,200,000
Minnesota	41,200,000
Iowa	33,800,000
Nebraska	27,200,000
Dakota	23,900.000
Wisconsin	22,200,000

The figures given are as follows:

373,500,00 The circular concludes as follows:

"At the present extremely low average farmer in wheat-raising, and our reports indicate that, while their necessities will compel them to sell a certain portion of their crop, they are not disposed to market their wheat any more freely than absolute wants will require. The tota crop of wheat in the United States this The total year will probably not vary largely from the crop of 1882, which was 504,000,000. Owing to the largely deficient crop last year (420,000,000), reserves of old wheat are greatly reduced, in many States alentirely exhausted, and when the necessity-movement of wheat has had, we are of the opinion that the farm-ers will withhold their property from market and thus endeavor to advance the Until then there is little that is encouraging in the wheat situation. The movement of spring wheat will increase from now on, and September receipts here will doubtless be the largest on the

The reports of the crop harvested in the various States, and especially in Michigan, show that the promise of the crop was greatly exceeded. The reports of the Secretary of State gave Michigan a yield of about 22,000,000 bushels. It will certainly run over 26,000,000, and may reach 27,000,000 bushels, as in the above estimate. Wherever we have traveled the past three weeks every wheat grower questioned said his yield had been far above his expectations. This was especially so in Oakland and Wayne Counties. Letters from other counties are of the same tenor. The result arises from the

plumpness of the grains, even where the crop stood rather light on the ground. The quality of the grain is unusually good, and of full weight.

"People in the Northwest are figuring that they can raise wheat at 35 cents per bushel. Allow me to show an Illinois statement, which, though below an aver-A Weekly Newspaper devoted to the industrial and producing interests of Michigan. age, is by no means an exception. The plot is forty acres of fair quality of land: 

\$12 6 Profit on forty acres.... "This is not a very lucrative showing, especially when we remember that it allows nothing for interest on the value of the land, nor for several other items which a city business man would be apt to drag

conscience. If the above figures are about correct, and they appear to be reasonable, is it to be expected that western growers will sell more of their crop than they are compelled to at 55c per bu., which is all buy ers offers in the country for No. 2 spring? We think not.

into the account to cover wear and tear of

The foreign markets show no strength, and are not likely to so long as supplies go forward in such large amounts as at

The following table shows the prices ruling at Liverpool on Monday last, as compared with those of one week previ-

CORN AND OATS.

The receipts of corn in this market the past week were 13,219 bu., against 13,347 bu. the previous week, and 17,716 bu. for the corresponding week in 1883. Shipments were 9.536 bu. The visible supply in the country on August 23, amounted to 4,217, 887 bu. against 4,804,412 bu. the previous / date last year. The visible supply shows a decrease during the week of 586,525 bu. The exports for Europe white and 11c on red. A decline then set the past week were 176,839 bu., against 115,613 bu. the previous week, and for the past eight weeks 3,347,488 bu., against 9,-171,692 bu, for the corresponding period in 1883. The stocks now held in this city mount to 16,491 bu., against 21,975 bu. last week, and 30,295 bu. at the corresponding date in 1883. There is no change to note in the position of corn. Very little is coming forward, but the inquiry is equally light, and values are unchanged from those quoted a week ago, namely, 541c for No. 2, and 53c for rejected. Farmers get 50@54c per bu. from wagons. Everywhere stocks are very light, and it is a wonder prices do not ad-

vance under the circumstances that surround the market. At Chicago corn is slightly lower than a week ago, No. 2 spot being quoted at 52c per bu. In futures September delivery is quoted at 51%c and October at 50%c, and November at 46%c per bu. At Toledo corn is steady at 55c per bu. for No. 2, 53%c for September and 52%c for October delivery. The Liverpool market yesterday was quoted at 5s. 41d. per cental for new mixed, and 5s. 6d. for old do., a decline of 21d. on new, and no change on old mixed. The growing crop, taking the States right through, will be nearly an average one. The estimated yield, as compared with a full erop, is as follows: Ohio, 68; Indiana, 72 Kentucky, 80; Illinois, 79; Missouri, 90, Kansas, 95; Iowa, 94; Nebraska, 95; Wisconsin. 96; Minnesota, 96; and Dakota Territory, 96. Of the leading corn States, Illinois, Indiana. Ohio and Kentucky have suffered quite severely from drouth. West of the Mississippi River the crop is very promising; bids fair to be the largest on record, and reports indicate that by the middle of September the great bulk of the crop will be beyond damage from frost. In some parts of this State rain is much needed, and if we do not get it soon corn will suffer greatly.

The receipts of oats in this market the past week were 60,992 bu. against 87,759 bu. the previous week and 37,038 bu. for the corresponding week in 1883. The shipments were 42, 343 bu. The visible supply of this grain on August 23 was 2,362,737 bu., against 3,697,895 bu. at the corresponding date in 1883. Stocks in this city on Monday amounted to 75,268 bu., against 82,-498 bu, the previous week, and 61,722 bu. at the same date last year. Receipts the past week were quite liberal, but the demand was sufficient to cause an advance in prices from those ruling a week ago. No. 2 white are firm at 30c per bu., light mixed at 28%c, and No. 2 mixed at 26%c. At Chicago prices are better on both snot and futures. No. 2 mixed spot selling at 25%c, September delivery at 25%c, October at 261, and all the year at 251c. Toledo is reported firm at 27tc per bu. for No. 2 mixed, and 271c for September delivery The New York market has advanced slightly, but this is said to be caused by manipulation, and dealers think it will drop back again now the August settlements are over. Quotations there are as follows: No. 3 mixed, 32c; No. 2 do., 334c; No. 1 do., 34tc; No. 2 Chicago mixed 35c; No. 3 white, 35c; No. 2 do., 334 @36c; No. 1 white, 44c; Western white, 35@42c; State white, 38@461c. These Statis quotations are all for new oats. tician Dodge, of the Department of Agri culture, says reports show that the oat crop has been somewhat damaged by drouth in Ohio, Indiana, Illinois, and Ker tucky. The injury, however, is not sufficient to cause any panicky feelings, as there is every indication that the general

SHELDON BROS., of Climax, Mich writes in reply to an inquiry of Mr. Albert Case in last issue: "In the last FARMER Mr. Albert Case of Manchester, inquires about a one horse drill. We have one that drilled 50 odd acres last fall, and like it very much. It is made by Rude Bros. Liberty, Ind. We think this the best way heads being unusually well filled and the to put corn ground into wheat."

crop will be good.

#### DAIRY PRODUCTS.

Beyond a great scarcity of really choice butter there is nothing new to note in this market. Values are about the same as a week ago, with choice stock a little firmer. The pastures have not been in such condition as to afford full feed for stock, and the flow of milk has consequently suffered a material decrease. This may result in an advance of prices. Good fresh made butter, of fair quality and flavor, would command 18c per lb., and perhaps a little more, while fair lots of table butter bring 16@17c. Creamery is in demand at 22@24c per lb. The Chicago market has been quiet the past week, and prices are a little easier except on fancy cream ery, which is in light supply. Quotations there are as fellows: Fancy creamery, 20@21c; fair to choice do, 16@181c; fancy dairy, 16@17c; choice dairy, 141@151c; fair to good do, 13@14c; common grades, 9@12c; packing stock, At New York butter is a shade 7@74c. better than a week ago on all good grades: choice quality has been rather scarce, and where sellers had it they insisted upon outside figures. The export demand was tair, and choice Western stock appreciated in consequence. The week closed with a firm tone in the trade. State stock is quoted there as follows:

Creamery, choice	221	<b>2 2 3 2 3</b>
Creamery, prime	20	@55
Creamery, fair to good	17	@19
Creamery, ordinary		@16
Half-firkin tubs, best		@21
Half-firkin tubs, fair to good	18	@19
Welsh tubs, best		@20
Welsh tubs, fair to good	. 16	@19
Quotations on western stock	in	that
market are as follows:		
Western imitation creamery, choice	17	@18
Western do, good to prime	15	@16
Western do, ordinary to fair	12	@13
Western dairy, fine		@16
Western dairy, good	13	@15
Western dairy, ordinary	11	@1216
Western factory, best current make	124	6@13
Western factory, fair to good	11	@12
Western factory, ordinary	9	@10

The exports of butter from American ports for the week ending Aug. 23th were 1.137.517 lbs., against 643.702 lbs. the previous week, and 803,732 lbs. two weeks previous. The exports for the correspond ing week in 1883 were 777,949 fbs.

Cheese is firm and higher, with stock week, and 10,266,803 bu at the same of choice very light. There is not a great deal of activity in the trade, but as receipts are light holders are enabled to obtain outside rates. The choicest makes of full cream State would command 10@ 10½c per tb., while second quality is quoted at 9½@10c. Ohio cheese sells at about the same figures as Michigan. Skims are quiet at 5@7c. At Chicago early in the week there was a break of 120 in the price of full creams, the result of the break in New York noted in our last issue. Since then the market has become steadier, and is showing an improving tendency. Quotations there are as follows: Full cream cheddars, per lb. 9@9½c, full cream flats, 10c; flats slightly skimmed, 5@7c; common to fair skims 21@4c; low grades, 1@2c; Young Ameri ca, 111c. The New York market closed on Saturday barely steady, but with choice stock a shade higher than a week ago Receipts of choice stocks are light, but seem to meet all the requirements of the market. Quotations there are as follows

State factory, full cream fancy	@ 9%
State factory, fine, full cream	914@ 914
State factory, faulty, full cream	814@ 834
State factory, l'ht s'ms, prime to choice	7 @ 71/2
State factory, skims, fair to good	6 @ 6%
State factory, ordinary	4 @ 5
Ohio flats, prime to choice,	7% @ 8
Ohio flats, ordinary to good,	6 @ 716
	2 @ 21/2
Skims, Pennsylvania, fair to good	1 @ 1%
Skims, ordinary	0 @ 1
The N. Y. Daily Bulletin of	Saturday
	State factory, fine, full cream. State factory, faulty, full cream. State factory, satty, full cream. State factory, skims, fair to good. State factory, ordinary. Ohio flats, prime to choice, Ohio flats, ordinary to good, Skims, Pennsylvania, prime to choice. Skims, Pennsylvania, fair to good. Skims, ordinary.

says of the market: "Cheese recovered from the extreme low rates of last Friday, and added frac tionally to value on choice and fancy ever, evidences of some disappointmen over the comparatively small amount of grain, and the feeling seemed to be nothing but the light receipts saved the More shippers had orders to be sure, but they were for small quantities and strict selections of quality, while the few who ventured to purchase without in structions felt they were doing so rather blindly. At no time did the cable show them a clear margin, and was weakening rather than gathering strength, whil private advices in several instances reiter private advices in several instances relear-ated previous cautionary suggestions. At the close the gain has disappeared and the final tone is barely steady on even the very best of quality, while lower grades are so unsettled as to prevent a clear quotation and the feeling is generally tame.

The Liverpool market is quoted easy at 49s. per cwt., a decline of 2s. from the figures reported one week ago.

The receipts of cheese in the New York market the past week were 53,758 boxes against 88,734 boxes the previous week, and 75,800 boxes the corresponding week in 1883. The exports from all American ports for the week ending Aug. 23th foot up 10,516,570 lbs., against 4,957,553 lbs. the previous week, and 7,932,526 two weeks ago. The exports for the corresponding week last year were 6,609.211 lbs.

### HOPS.

The hop markets at the east begin to exhibit more interesting features, as the early pickings are being placed on sale. So far dealers and brewers manifest good deal of indifference in making purchases, but it is evident they are acting this way for effect. The country is bare of any good hops except of the new crop, and as it is not an average one, and considerable part of it will be needed abroad, we think purchases made now will prove a good investment. The unusual depression in business circles, however, affects this as well as other branches of trade, and the diminished consumption of beer, resulting from the enforced idle ness of so many laborers, must have serious effect upon the price of articles entering into its manufacture. Besides this, the unusually cool season is against large consumption of beer. So far no new hops have been offered in this market, but we suppose growers are anxious to hear what is being done elsewhere. In the New York market there is scarcely anything doing as yet, and dealers insist that prices in the interior are too high to warrant them in buying. The Daily Bulletin of Saturday says of that market:

"Doleful accounts come from produc-ing sections as to the outturn of early lops, and the annual estimates of 121 t 50 per cent shortage in this State are free ly circulated, with the additional intellience that indications as to quality are far from flattering. There is no speculative

disposition, however, and consequently the growers' wail has no influence. Prices are nominal to a great extent all through." Quotations in the New York market

vesterday were as follows: N. Y. State, crop of 1883, choice do good to prime... do low to fair..... st. crop of 1883, fair to prime. 23@ 25 In regard to the outlook for the new crop

n New York State, we copy the follow

ing from the Waterville Times: "Since Tuesday most of the business has been in Humphrey hops, which can be delivered promptly. The Humphrey hop is strong and good, though small in size. rs strong and good, though small in size.
The highest point for them to our knowledge is 27½ cents. M. L. Conger sold a
small lot for immediate delivery at that.
Yesterday Nelson Terry sold at 26 cents. We hear of nothing more on main crop.
O. M. Knox did not take F. L. Terry's hops at 25 cents and 3½ pounds tare as bargained and they have been sold to other parties at 25½ cents and seven pounds tare. Humphreys have come wn even lighter than formerly estimat ed, now that they are mostly finished.

\* \* \* \* The general report is The main crop is begun in many yards, but very few can as yet say how they compare with last year. It will be fully one-fourth short if not more. Considerable rust is found, but in the main the crop stands well, and is being gathered very rapidly. Pickers clean up yards quick. If our best yards go one-fourth short, as now looks probable, we will have to reduce the estimate for the State. The Malone, N. Y., Farmer, estimates

the shortage in that county at 20 per cent. as compared with last year, in spite of increased acreage. The Cooperstown Republican says picking is general in that vicinity, and that hops are of fine quality but not so heavy as last season. Canajo harie Courier reports the crop one-third short of last year in the yards around there. The Brookfield Courier says the estimate of two-thirds of an average for early hops was entirely too high, as they will fall considerably below that.

The English markets have declined, ow ing to the more favorable outlook for the crop there. The German markets are also reported easier.

### WOOL.

The wool market is really exhibiting ome strength, and an improvement in the tone of the market, as well as in prices, is omething we congratulate growers upon. There is not much wool held in the coun try, it having passed largely into the hands of dealers, but here and there in this State we find a farmer who has held on to his clip, and determined to wait for better prices. It looks now as if he would come out ahead, as stocks are getting lower, and the prices ruling are not such as to tempt large importations. The Boston Commercial Bulletin says of the outlook

"There is a good demand for the better rades of wool and lower grades have fel-he upward movement, although they can hardly be said to have participated in it. Holders of stock in Boston are very firm in their views and not disposed to make oncessions at present prices. There is no likelihood of wools going lower but there seems to be almost as little likelihood of any great and material advance, as the state of the dry goods market would hard-ly warrant it. Flannels for example pay no profit whatever and blankets are being thrown upon the market through the auction rooms. The present prospect seems to be for a better trade at slightly ennanced prices.'

At Boston the past week the sales foot up 2,958,830 lbs. of domestic and 99,500 lbs. of foreign, as compared with 2, 802,000 lbs. domestic and 204,400 lbs. foreign for the previous week, and 2,178,000 lbs. domestic and 137,600 lbs. foreign for the corresponding week in 1883. The receipts of wool in Boston the past week have been 12,005 bales domestic and 1,846 bales foreign; against 14,080 bales domestic and 11,305 bales domestic and 2,647 bales for eign for the corresponding week of last year. The sales of domestic fleeces in that market the past week included 137,000 lbs Ohio XX and above at 36@361; 94,000 lbs Ohio XX at 35c: 46,000 lbs XX at 35c: 52.-000 lbs Ohio X at 32@33c: 4.000 lbs Ohio medium at 33c: 53,000 lbs Michigan X at 30 @32c: 4.500 lbs No. 2 washed at 28c: 1.000 lbs burry washed at 23c. The sales of combing and delaine fleeces comprised 109,200 fine Ohio delaine at 37c, 13,800 lbs fine delaine on p. t., 22,200 lbs. delaine at 35@37c: 7.000 lbs. No. 1 combing at about 37c; 28,000 lbs. unwashed combing at 25c; 2,000 coarse unwashed combing at 21½c. Of foreign wools we note sales of 9,500 the New Zealand at 38c, 10,000 lbs. Cape at 28@30c; and 55,000 lbs. Australian at 36@

The following are quotations for lead

ig grades of wool in Doston.	
hio XX and above	@36
hio X do32	@3
lichigan X do30	@3
ine delaine	@3
o. 1 Ohio clothing33	@34
o. 1 combing washed37	@3
entucky one-fourth blood combing 24	@
exas fine, 12 months	@24
Do do six to eight months	@22
Do good medium	@2
Do coarse and carpet	@19
alifornia northern spring free23	@26
Do southern do do18	@2:
Do burry and defective13	@18
ansas choice fine22	@24
Do medium23	@28
Do average16	@20
The Roston Advertiser gave.	

"There has been a good inquiry for fine wools, while available lots are no

plenty, and these grades find a ready customer as soon as opened. There were no sales of any amount reported this week below 35c, and in several instances 36c was obtained, while one fancy lot of 10,000 lbs XX and above with the delaine in brought 36½. It is rumored on the street that a bid has been made one of the larger houses for a round lot of several hundred thousand lbs XX Ohio fleece, and it is said that 36c is the figures bid, Ohio X is selling at 33c. After the un classified lot of 900,000 lbs reported this week, it is said that the figures include XX Ohio at 36c, and Michigan X at 31c. latter grade is not selling freely, and the price ranges from 30@30½c, with some price ranges from 30@30½c, with some fine lots at 31c. Holders of fine wools are very firm in their views, and the fact that there is little fine foreign grades to compete with this class, makes it look as if full prices will be sustained. In the country the tone is very firm, it being reported on good authority that 34c was refused for a round lot in Harrison County, Ohio. With this in view, dealers here see no inducement to become free sellers except at full prices. On medium and lower grades of wool the market is

steady, with a quiet tone to prices.' At New York the market has also shown increased activity, and there is a good inquiry for desirable lots of clothing and delaine. We note among the sales the past week in that market 35,000 lbs XX and above Ohio fleece at 35c; 10,000 lbs X | which it is located.

and XX do at 331@341c; 10,000 lbs New York State do at 28c: 15,000 lbs Territory at 16c; 5,000 lbs one-fourth blood combing at 31c; 3,000 lbs Missouri unwashed combing at 25c; 25,000 lbs spring Texas at 22@ 24c; 40,000 lbs improved western Texas at 16c. and 2,000 lbs low scoured do at 40c. The U. S. Economist says:

"There continues a good inquiry for desirable grades of native fleeces, and as the makers of cloth using such stock are well employed, and realizing fair profits on the same, wool dealers are less free sellers, unless at some slight improvement on choice wools, such as XX Ohio, XXX do, combing and delaine, one-fourth blood. Good, free Texas and super pulled and lambs are also in steady request at full prices. Poor wools are neglected and remain depressed. Good clothing sorts of foreign, such as Cape and South American, are in better de-mand, but only saleable at comparatively low and unprofitable prices.

### Stock Notes

MR. WM. McEwan of Bay City, Mich., has sold to Mr. F. Crawford, Caseville, Mich., the yearling Holstein bull Saturn sired by B. Siderius' bull, dam bien (392 P. R). This bull was imported in dam by E. R. Phillips of Bay City, and was bred by W. Oosterbaan of Friesland.

MR. R. C. AULD, lately from Scotland, has rought out a large herd of Polled-Angus cattle, and secured a farm near Pinckney, Livingston Co., where he will engage in the breeding of this family of cattle. He is a young man, but with a large experience in handling cattle, and we are pleased to welcome him to our State

Two Shropshire Down rams for Geary Bros from the celebrated flock of Ed. Instone, now on the Atlantic, are intended as stock rams for "Bli Bro" flock of Shropshire Downs, than which there is no better in America, and the Geary Bros. seem determined to keep up the standard. These rams are from the same breeder as "Acme," sold by them a few weeks since for \$450.

JUDGE MARSTON sends us a note announc ing the addition to his herd of Jersevs of a heifer calf August 15th, another heifer calf August 18th, a bull calf August 19th, August 23rd a heifer calf, and August 25th still another heifer calf, making five calves in one month, and four of them heifers, all four the same sire. The Judge's herd now numbers 40 head, and he says he hopes to double the num ber within the next two years. He has now, by a course of careful breeding and judicious selection, got one of the evenest and finest herds in the country, and all recorded in the A. J. C. C.

We have received a neat and well arranged catalogue of the large herd of Holstein, or Dutch-Friesian cattle, known as the Holly Bank Herd, of which Mr. M. L. Sweet is the proprietor. The Holly Bank farm is located at the north limits of the city of Grand Rap ids, on Plainfield Avenue. The herd consist of 14 bulls of all ages, and 98 females. large proportion of these were imported by Mr. Sweet himself, and were selected for him by James Egan and Louis Tenckinck, who formerly dealt in cattle in Holland, but is now in charge of the Holly Bank herd. The catalogue contains some fine plates of the Holsteins and those of the bulls Prins Midlum and Jonge Carre are excellent. If you are interested in this breed of cattle, send for a catalogue.

MR. C. H. STANTON, of the Woodlawn Stock Farm, St. Louis, Gratiot County, has sold to Mr. E. P. Kelsey of Ionia, the Poland-China boar Black Prince. Also the sows Dinah and Lady Juno. These will give Mr. K. a fine start for a herd of Poland-Chinas. Mr. Stanton has also sold to O. S. Wood of Paw Paw, Van Buren Co., the Southdown ram Prince Charles, a fine specimen of this great mut ton breed. THERE is considerable activity in the hog market here, and the competition in the market buying for Hammond &

among buyers is sharp. Seth Tubbs is Standish, and he has for his competitors Webb Bros., Rauss and Bigley. These buyers are looking for good hogs, and are willing to pay fair prices for them, but when they strike a lot of poor ones the seller has got to suffer. The sheep trade is also picking up to some extent John Downs has put in his annual anpearance to buy store sheep for the feed ers of western New York, and this week Wreford & Beck have been purchasers for the first time in several months. When these buyers are in the market it always means about Buffalo prices for sheep. MR. A. S. WARNER, of Orion, Oakland

County, the veteran hop-grower, gave us a call yesterday. His hops are all picked The yield was very light. The crop suffered from the effects of an unfavorable winter and myriads of lice. He reports a very light yield in every yard in the State he has heard from. This includes Oakland and part of Livingston Counties. where most of the Michigan crop is grown. We have had no reports as yet from Macomb and Washtenaw Counties, or from Clinton. THE receipts of potatoes in this market at present are in excess of the demand,

many are coming forward by teams, and in such lots farmers realize 35@37c per bu. Carload lots could hardly be placed at these prices. The crop in this State will be short in many sections from the drouth. At Chicago small lots sell at about 40c per bu. for good stock. In New York new range from \$1.37 to \$1.87 per bbl. for good to prime, with a good shipping demand that is strengthening the market. MR. C. M. THORNTON of Northville, Wayne Co., whose fine yearling ram Rowe vas sheared at the State shearing at Lan-

and the market rules weak. A good

sing, has had the fleece cleansed. The ram sheared 231 lbs., and the fleece gave 10 lbs. of cleansed wool! This is the highest average of cleansed wool to gross weight of fleece we have ever heard of from a Merino ram. This ram was bred by Mr. Thornton and sired by the Woods ram M. S. Sheldon

THE twelfth annual fair of the Armada Agricultural Society will be held at Armada, Macomb County, on Wednesday, Thursday and Friday, October 1, 2 and 3. This is a strictly agricultural fair, and has been eminently successful in every way as an exposition of the agricultural and industrial interests of the section in

THE Brighton Market Fair Association will hold their fall fair on October 7 to 10 inclusive. Mr. Louis Meyer is the Secre-

### NEWS SUMMARY. Michigan.

Oakland County raises more beans than any ther county in Michigan. East Saginaw has 4,425 children between the

Messrs. E. D. & O. Stair, have bought the Howell Republican of L. Q. Miller.

A Manchester man who is seventy-two year old, owns and uses a pair of roller skates. Saginaw voted not to bond the city for \$25,000 for the purpose of purchasing an electri

Charlotte Republican: Robert Hubbard, o Chester, will have 6,000 pounds of honey ell this fall.

At Cadillac a party of 96 persons went black berrying, and returned in a few hours with 30 bushels of berries.

The Teachers' Institute, held at Vassar. last week, was largely attended, 149 teachers names being enrolled.

One hundred and twenty-five teachers at tended the Clinton County Teachers' Institute at St. Johns, last week.

Children playing around the North Muske-gon school house set fire to it, and it was burn-ed to the ground. Loss \$2,000.

C. J. Collins' barn, in Fredonia, Calhoun Co., was destroyed by fire last week. Cause, a small boy playing with matches. A ltttle son of George Barber, of Richland, Kalamazoo County, fell into a tank used for watering horses, and was drowned.

Many children are dying of cholera infantum at Lapeer. The Democrat says six little ones lay awaiting burial on a recent Sunday.

Charlotte Republican: The farmers who used Ohio and western seed corn made a mistake; it looks nice, but will fail to mature.

P. W. Lewis, of Medina, Lenawee County claims that grasshoppers and drouth have de stroyed \$500 worth of farm crops for him. A little girl named Miller, of Royal Oak, re reived a kick on the head from a horse on the 29th, which it is feared will cause her death. Tecumseh has a factory for hog ringers and rings, which turns out two hundred gros

The famous Updegraff "perpetual motion" machine, owned at Flint, has been sold for \$500.

It is said that the Ypsilanti Opera House, which cost \$21.000, can be bought for a third of that sum. It has not been a paying institu-The Adrian Savings Bank suspended on th

27th, through inability to meet a check for \$1,500. The cashier says depositors will be paid The engine of Birdsell's mill at West Branch. while out of order became ungovernable, and ram the machinery so fast that \$150 worth was

Flint Globe: Last week Thomas Foster sold 36 Berkshire shoats, nine mouths old, weighing 250 pounds each, for the handsome A fire at Blanchard, Isabella Co., on the 29th,

stroyed a hotel, new hall, a store, and several other buildings, comprising the business part of the town. Port Huron Times: Miss Ada Lee, lady lawyer of this city, aunounces herself as a cani-date for Circuit Court Commissioner of St. Clair County, on the Republican ticket.

A man who says he entered the gates of the Allegan County Fair in 1866 without paying his quarter, sends the secretary of the Society a dollar to square up the indebtedness.

Kalamazoo Gazette: A. S. Patterson, of Marengo, reports a yield of 40 bushels per acre from 150 acres of wheat on his farm, a re-markable yield for so large an acreage. The Kalamazoo Gazette notes that the managers of the State Fair are binding every one very strictly as to the sale of liquor, and none will be permitted to be sold upon the grounds.

At Vicksburg, on the 26th, Charles Henry, brakeman on a Grand Trunk freight train, fell between the engine and car and was terribly mangled. It is not expected he can sur-

A torpedo was exploded in McMorran & Co.'s well at Port Huron, at a depth of 512 feet, opened up a vein of oil, and there is now 100 feet of oil in the well, which registers 35 de-

There is lots of illuminating gas at Roral Oak, and a lampblack manufactury has been built to utilize the product. Several owners of wells propose to light their houses with the

. Lapeer Democrat: The concussion caused by firing the cannon at the Prohibitionist pole-raising, broke\_one hundred\_dollars worth of raising, broke one numerica church,

At West Comstock, while the people were attending Barnum's circus at Kalanazoo, a thief went through the houses, looking for money. Not finding any he went off with a revolver and an overcoat. Wm. Miller of Oakland township, Oakland

County, stood up in his wagon to take a chew of tobacco and his horses started, throwing

him to the ground and so injuring his split that he cannot possibly recover. R. C. Auld, lately of Aberdeen, Scotland, has bought a farm near Portage Lake, and placed upon it a herd of imported Polled Angus cat-tle, valued at \$30,000. Mr. Auld will engage

in breeding this class of cattle. Frank Laughlin, second hand furniture dealer of Grand Rapids, has disappeared, under circumstances which indicate that he may have committed suicide. Others believe he has skipped to escape creditors' claims.

Lexington Jeffersonian: The Croswell cheese factory has sold 300 farcy cheese to be shipped to England, where it ranks as No. 1 white cheese. About \$5,000 worth of cheese has been shipped from this factory so far this

season.

At Hastings, on the 28th, in the case of Stephen Durfee, on trial for shooting under-Sheriff Wm. Scudder last May, the jury returned a verdict of murder in the first degree, George W. Stuart, of Grand Blanc, is build ing a fine new house foor his forty Jersey Reds It is to be 24x30, with a stone basement and

cemented floor. It will be one story above the wall, celled outside and inside, frost proof, and furnished with an apparatus for cooking food and other appliances. The Howell Republican says they have a very encouraging legal process in Livingston County, which is to catch, arrest and convict criminals; then let them escape from an old rat-trap of a jail, and pay nice rewards for their recapture. It is a legal game played in other counties also.

A couple of Detroiters out in a boat in the river were upset. They saved themselves, but lost a gold watch, fine shot gun, ten dollar gold piece, two fishing rods and creels, the whole valued at \$300. They hired a diver to go down and search for the lost property, but the current had carried it beyond recovery.

The Dexter Leader man wants to know, you know, why, when wheat is but 75 and 80 cents per bushel, and four and one-half bushels will make a barrel of flour, those who buy the latter commodity must pay from \$5.60 to \$6.40 per barrel. Hefigures up that the profits are about \$2.80 per barrel, let alone the value of the bran. The Dexter Leader man wants to know,

Grand Rapids Eagle: When L. T. Kinney's mill and lumber yard at Woodville, Newaygo County, were burned, thirteen cottages occupied by his employes were also burned. Mr. Kinney has presented each employe with a deed for twenty acres of farming land in the vicinity, and when the mill is rebuilt will give each a sufficient quantity of lumber for a house.

The Saginaw Herald says: A northern far The Saginaw Herald says: A northern far-mer, speaking of the sandy plains of Northern Michigan, otherwise called the pine barrens, says for grazing no lands can surpass the plains. The grass growing on them is exceed-ingly nutritious, and for sheep nothing can be better. Cattle that pasture on it are fat enough for beef in the fall. He has taken as high as three tons per acre from it, and still does not think it has been tested for all it is worth.

Hog cholera has broken out in the vice

The Welland canal is to be deepened to uniform depth of fourteen feet. Several members of the Greely party will be exhibition in a museum at Cincinnati. The cashier of the Xenia, Ohio, Seas National Bank, made way with about 1000 A terrible cyclone passed over Windy Manitoba, last week, blowing down buildings.

An incendiary fire at Fonda, N. Y., designed the Democrat office, and three other basings; loss \$40,000.

A large part of the business portion of a village of Adams, Jefferson Co., N. Y., a burned on the 28th. A. L. Patterson has given bonds for some conservator of the estate of Wilbert Storey, imbecile.

At Gay's Station, near Mattoon, Ill., again train of 18 cars was wrecked, and the base man killed, on the 28th.

America will aid in the relief of Geometric A Chicago firm furnishes the pounds of pressed beef. Part of Massachusetts was visited by alter rain on the 30th, which continued for eights hours and did much damage.

Joseph M. Pease, fruit merchant, of ya York, is in the Tombs, charged with form paper to the amount of \$30,000. The disease supposed to be cholera w appeared in Iowa and so alarmed every has proved to be simply dysentery. Burglars opened the safe of the postoffer. Emporia, Kansas, on the 30th, and stoleting worth of stamps and a quantity of register.

letters. A ten-year-old boy of Racine, Wis., is can ed with breaking into twenty-five or the houses within a month for the purpose Three men were arrested in Toronto

week for attempting to thrash every dude to met. No man who parted his hair in the About 750,000 watermelons have been ceived at Wheeling, W. Va., from the recounties of the State, for transportation ore northern points

Mrs. Margaret Hill, boarding house ke at Montrose, Ont., was struck by the while crossing the track at St. Thomas on 28th, and instantly killed. A firm of window glass manufactures of Pittsburg, Pa., have decided to try an end ment with natural gas, to see if it can be us n the manufacture of glass.

Negroes on a plantation near Eufaula hi ate a hog that had been bitten by a mad of and now thirty-two of the sons of Africa suffering from hydrophobia. The steamer City of Merida took fire in the

harbor at Havana on the 29th, and was one pletely destroyed. About \$18,000 worth # silver from Vera Cruz was lost. D. P. Bloomer, salesman of a New You house, was found murdered in his bed at house, was found murdered in his bed at hotel in Minneapolis on the 28th. There is the slightest clue to the assailant.

Ten Jersey cows, valued at \$3,000, were k ed near Elmhurst, Ill., last week, by order the State Veterinarian. All showed more less decided traces of pleuro-pneumonia. Samuel Roberts, of Wilkesbarre, Pa., master of a coal company, is a defaulter a sum between \$50,000 and \$75,000. Part of noney stolen went for religious purposes

Ira Hayes, a prominent citizen of Erie, ? was killed by the overturning of a bucket stones upon him while he was in the bottom his well, superintending its con The New York aldermen, by a little s practice, passed the bill giving the sh railway company the right to construct an way on Broadway, over the mayor's veto.

The wives of fifteen or twenty striin miners who had been arrested near Pittsbur Pa., have asked to be sent to jail with the husbands, as they have nothing to live or. The vaults at the Albion National banklus

been opened and the suspicion that the a faulting cashier had made way with ear available security was confirmed by fact. Joseph Robertson, well known lawyer St. Louis, was arrested Saturday, charged ril receiving money from gamblers under promise to protect them from raids by the police

Four men, three of them negroes, haveled arrested for wrecking a train near Duck in Miss., last April, by which several lives we lost and a large amount of property dest An agent of the British government is Montreal, en route to Coughnewaga, to sem fifty Indians of that tribe to assist in nationing the Nile with the Gordon relief experience.

The steamer Rose Standish was cut down six minutes later. The 101 passengers board were rescued by harbor tugs and state

ers. A riot at Lake, near Chicago, belvet striking and non-union bricklayers was final quelled by the police. The house of s employer was stoned and his wife serious

At Topeka, Ks., last week, through the care essness of the watchman, who fell asleen reight train ran through an open switch in 7 cattle were killed. The engineer was bell calded.

Katle Dunn, less than 16 years old, has less arrested in Boston, at her mother's instant for bigamy. It is charged that she has meried three men without the intervention addeath or divorce. Jennie Tracy, of Binghampton, N. Y. v her lover because she rejected him, xpected to long survive her injuries.

for the large number of guards. At O'Fallen, near St. Louis, Mrs. McC. mick was found dead in her yard, and nest it the body of her Norwegian servant. It is a mised that in a fit of passion the servant middered her mistress, and then poisoned here! Near Cincinnati, last week, a woman the

a bundle from a bridge over the this risk which, being picked up by some box, which to contain the mangled remains of the about a week old. The woman can be found by the police.

At Evansville, Ind., the transfer steam Belmont was lost in a fearful tornado at twepty persons were lost. The town we badly used by the storm, over 100 building being unroofed, and the damage done is semated at half a million dollars. Mrs. Steiffather, of Albany, was sent to

Asylum for the Insane at Binghampton, N.1 but after a month's time, during which appeared contented and happy, suddenly appeared on the 19th ult., since which im nothing has been heard of her. The ninth fatal accident on the new Box

of Trade bullding at Chicago occurred on the 29th. Three lathers were at work when the scaffold gave way. One caught a brace as saved himself, the others fell 85 feet, on being instantly killed, the other dying soon after. Preparations are being made to raise Fallapoosa, the government boat sunk of collision off Martha's Vineyard. Two let to be anchored each side of her inter to be anchored each side of her and livers will go down and run chains under until and by means of machinery these will wound up and she will be raised.

Harvey Heed, of Cadiz, Ohio, was overtaked by a storm while away from home. He took shelter under an oak tree and while there the tree was struck by lightning and he was knowned to the ground senseless. Mr. Heed sister tree was struck by lightning and it. Heed six ed to the ground senseless. Mr. Heed six that for a number of years previous to day he had been in poor health, but since ling struck his all ment had left him and her feels better than for years.

Last week at the Charter Oak Park, H Last week at the Charter Oak Park, Her ford, Conn., while Princess and George is were being exercised previous to a race, being driven in opposite directions, the two collidaries in opposite directions, the two collidaries of the part of the part by the shaft of the chart by the shaft of the chart by the shaft of the cess was dislocated and her hind quarted paralyzed. She must die. George G. valued at \$3,000, and Princess at \$3,500.

A circus car was burned near Greeley, (b) rade, last week. Sixty men were in the circus carwas burned near Greeley, (b) the forward end of the car being closed bunks against it, and the rear door also closed bunks against it, and the rear door also closed bunks against it, and the rear door also closed bunks against it, and the rear door also closed bunks against it, and the rear door also closed bunks against it, and the rear door also closed bunks against it, and the rear door also closed bunks against it, and the rear was finally opened only to and most of the farmates in the agonies of death.

NEW ADVERTISEMENTS.

NEW ADVERTISEMENTS.

### ADMINISTRATOR'S SALE.

In compliance with the laws of the State of Kentucky requiring all the personal property of estates to be sold publicly, I will as Administrator of

JAMES C. HAMILTON, DECEASED

### ENTIRE HERD OF BATES SHORTHORNS

At His Late Residence, FLAT CREEK, Bath County, KY., THE 24th AND 25th SEPTEMBER, 1884.

The herd numbers more than one hundred head of the following families: Airdrie Duchess. Barrington, Kirklevington, Rose of Sharon and Young Mary, and will include his Pure Bates Stock Bulls, 2d Duke of Kent 51119, Barrington Duke 37622 and 3d Duke of Kent, No. in Vol. 27. Catalogues may be had by applying to me after August 10th.

GEO. G. HAMILTON, Administrator.

P. O. Flat Creek, Bath County, Ky.

SEPTEMBER 26, 1884, Williams & Hamilton, of Mt. Sterling, Ky., will sell a select draft of about fifty head from their Longwood Herd, which will include Kirklevingtons, Craggs, Hilpas, Places. Rose of Sharons, Young Maries, Phyllises and Josephines, topped by 4th Duke of Geneva (30958), Grand Duke of Geneva (28756), Geneva Wild Eyes 51776 and Barrington Duke 37622. Apply to them at Mt. Sterling, Ky., for catalogues.

sere dead, and the remains buried in the Greeley cemetery in one large coffin. Eight others are not expected to survive their burns.

A heavy piece of casting was placed on the track of the Illinois Central, near Galena, Ill., one night last week, with the evident intention of wrecking the fast passenger train. The casting was wedged into a frog near a big bridge. When the engine struck the obstruction the engineer felt the jar and stopped the train, finding the casting shattered into fragments, but for which the train would have been thrown over the bank. This is the second attempt to wreck trains in this way at the same place.

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Board on the nen the nee and ne being

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Emperor William was thrown from his horse on the 28th, while riding in the park, and slightly injured. England is sending reinforcements to Egypt.
The expedition for the relief of Gen. Gordon is increased to 7,000 men.

The Paris Figaro says France has 51,000 troops in Algiers, which are ready to seize Osiro when so ordered, if the French be barred from the Suez Canal.

It is stated there is a magnificent harvest in Ireland this year, the only trouble is there are too few laborers left to secure it. Most of the able-bodied men have emigrated, and only old France so far has been victorious in her con

France so lar has been vicensal forts at the mouth of the Min River, and all the defences along its line have been destroyed. The Freuch merchants expelled from Canton have

French merchants expelled from Canton have arrived at Hong Kong.

There was a serious riot at Lima, Peru, last week, caused by the entry of Gen. Caceres into the city, his entrance being disputed by the government troops. About 150 persons were killed. The government troops drove out the insurgents, and captured 300 prisoners. Caceres cutsfie telegraph wires and stopped all the saliced trains.

Enclosed find \$18 for the Sewing Machine and FARMER for one year, as advertised. Send the Machine to Jacob Flegel, Dexter, in my care. Mr. Fiegel's daughter, who is living with me, got one of the machines some time ago, and is so well pleased with it that her people wish to avail themselves of your liberal offer, and now order another. EBENEZER

## Farm Law.

Inquiries from subscribers falling under this head will be answered in this column if the replies are of general interest. Address communications со Henry A. Haigh, Attorney, Buhl Block, Detroit

#### No Government Lands for Sale in Dakota.

NEW HUDSON, Aug. 30, 1884. Law Editor of the Michigan Farmer. . DEAR SIR: Can a person buy land from the Government at \$1.25 per acre in

Dakota, or any place where Government lands are located, and hold the same without remaining a the hold the same with out remaining on the land? Please answer and oblige. S. RENWICK.

Answer. There are as yet no Government lands for sale in Dakota, the policy WINTER WHEATS, of the Government being to encourage actual settlement under the homestead, pre-emption, and timber culture acts, and to prevent capitalists from buying up large tracts and holding them for specu-

country where the bulk of the public lands has been taken up by home stead and pre-emption entry, the balance may be bought from the Government at \$1.25 per acre. But public lands can only be so bought where, in pursuance of authority from Congress, the President has offered the same for sale at public auction. Sales of public lands are thus from time to time held in the different land districts after due notice in the pub lic newspapers. The lands are offered | 82-5t in half quarter sections to the highest bidder, and the sale is kept up as long as the bidders hold out. No lands are sold for less than \$1.25 per acre and no credit is given, full payment being required on day of purchase. All lands which have been so advertised for sale, which remain unsold at the close of the public sale, are held subject to be sold at private sale at \$1.25 per acre.

Lands lying along railroads and other improvements, the projectors of which have been given land grants of alternate sections, are held at \$2 50 per acre.

There are railroad lands for sale in the northern part of Dakota by the Northern 1t Pacific Railway Co., at prices fixed by the company, and any individual Governhas acquired title from the Government course sell his his title can sell his claim. But no land can be bought there directly from the Government and it is not likely that any will be offered, for some time at least, as the sentiment of the country is strongly

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By a middle aged man, a situation to work on a farm. Has had some experience handling cattle and horses. Address C. W., FARMER office.



The above Scale, which will weigh from a quarter of an ounce to 240 lbs., will be sent to any address for \$5.00, and the "Farmsent one year also. You can have the scale sent to one address and the "Farmer" to another if desired. The "Farmer" is \$1.50 per year, making the scale cost you just \$3.50.

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A fine selection comprising over 00 head of my own breeding, and from my impotations of 1882 and 1883. A specialty of young pairs not related for foundation stock. I use both ac "holstein" and "Dutch Friesian" Hord Book relatives, so that buyers can get the registry peferred by them. A fine lot of yearling heifers and two-year-olds bred to my prize imported bull. "Jonge Carre" and "Prince Midlum" due tocalve in January, February, March, April and May, 1885. These bulls are unexcelled, the boarance indicates it, their get provers it. Indicates it, their get proves it.

My farm is located at the north line of te City.

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my office, 23 Pearl St., (Sweet & Hotel.) Pampt
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It Co- and Larned St., Detroit, Mich.

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of Registered Swine on Grounds of Central Mich. Agricultural Society during their Fair in October. The grand herds of Berkshires, Poland-Chinas and Suffolks of Turner & Hudson, Springdale Herds, Lansing, Mich. All will be sold that are not closed out before said Fair. The choicest strains and some of the grandest animals in America are in these herds. Now is your chance! au26-



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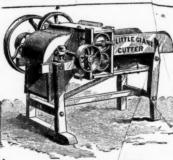
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No careful and jules.
No careful and jules person will fail to well consider this important person will fail to purchases. We invite citizet in making his stock and careful comparison spection of our than the comparison of the careful comparison of the other establishment.

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Another year has proven that the Valley Wheat is superior to any other kind of wheat. It is hardier; yields more; is free from rust or blight. It stands up well, is a hard, leavy wheat; of excellent milling qualities and commands the highest price. All who sowed is last fall are enthusiastic in its praise. Scores of testimonials could be given if necessary. Pure clean seed \$1 50 per bushel free on board cars. No extra charges for hages. A. P. CODDINGTON, Tecumseh, Mich.

The Finest List of farms for sale ever issued in Michigm. Contains over 150 descriptions, with marwhal red line notes giving number of acres and price to each description, making a ready reference index. The last page contains description of Detroit City property for sale. For Free distribution by

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### DIRECTORY

CATTLE.-Shorthorns.

A. tle, Shropshire sheep and Essex swin Stock for sale. Correspondence solicited, Jerom

A. breeder of Shortnorn Cattle. Young stock of sale at reasonable prices. A E. ANDREWS, Maple Valley Stock Farm, Williamston, Ingham Co., breeder of thor-oughbred Shorthorns of good families. Also agent for the Celebrated Champion Creamer.

A P. COOK, Brooklyn, Jackson Co., breeder of Shorthorn Cattle. Good families repre-sented. Bull Major Craggs at head of herd, Choice young bulls for sale.

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CHARLES FISHBECK, Lakeside Stock Farm, Howell, Livingston Co. Breeder of Shorthorns. Herd headed by Bates bull Baronet, Belle Bates 47411, Belle Duchess, Cambria's Vic-toria, Stapleton Lass, Selinas and Bright Eyes families. Young stock for sale. June3-1y

C HIBBARD & SON, Bennington, Shiawas shire swine and Merino sheep. All stock recorded. Stock for sale. R. BACKUS, Springdale Stock Farm

Williamston, Ingham Co., breeder of thoroughbred Shorthorns, Vermont and Michigan bree Merino Sheep and Percheron horses. Stock for sale. Correspondence solicited. C. S. BROOKS, Brighton, Mich., breeder of Registered Shorthorns of leading families—Pomonas, Floras, etc. Also American Merino Sheep and Poland China Swine. Young stock for

AVID P. WILCOX, Forest Hill Stock Farm Breeder of thoroughbred Shorthorns. Stock for sale. Correspondence solicited. Improved farm of 300 acres, with good buildings for sale. Postoffice address, Riley, Clinton Co. n27-1y\*

M. UHL, Brookside Herd, Ypsilanti. Choice Shorthorns of the best milking and beef making qualities for sale. Correspondence so-P. KELSEY, Clay Ridge Farm, Ionia, Mich, breeder of thoroughbred Shorthorns. Principal families Rose of Sharon, Phyllis, Gwynnes, etc. Correspondence solicited.

E S. BURNETT, Bancroft, Shiawassee Co. breeder of Shorthorn cattle of the Irena, Vic toria and Strawberry families. Stock for sale.

A. BRADEN, Bancroft, Shiawassee Co Preeder of thoroughbred Shorthorns. Good families represented with Lord Raspberry 2d a head of herd. Stock for sale. je10-13 RANK E. IVES, Hickory Ridge Stock

T Farm, Unadilla, Livingston Co., breeder of theroughbred Shorthorns of good families. Stor for sale. Correspondence invited. EORGE W. STUART, Grand Blanc, Gene T see Co., breeder of thoroughbred Shorthorn Cattle, Registered Merino Sheep, and Jersey Red Swine. Correspondence solicited. ja17-1y\*

HENRY LESSITER, Oakdale Stock Farm H. HINDS, Stanton, Montcalm Co., breed, er of Shorthorn Cattle and American Mering

H & H, G. HOLT, Thorneapple Stock Farm, Cascade, Kent Co.; breeders of thoroughbred Shorthorns and pure Suffolk swine; young stock for sale; correspondence invited.

M. WHITAKER, Hazelnut Ridge Farm, Lima, Washtenaw Co., breeder of Shorthorn Cattle and American Merino Sheep. Young stock for eale. Young stock jnyl-83-1y\* AMES D. BOTSFORD, Osceola, Centre, Livingston Co. Breeder of thoroughbred thorthorns, registered and grade Merino Sheep, tock for Sale.

TAMES MOORE, Milford, Oakland Co., Mich., breeder of Shorthorn Cattle of the Princess, Constance, Renick Rose of Sharon, Belle Duches Craggs, Young Mary, Stapleton Lass, Plumwood Lass, Victoria and Donna Maria families. j2-6m\* JOHN GOOD, Richfield, Genesee Co.. breed-er of thoroughbred Shorthorns, Kentucky-bred Baron Bates 14th in herd. Stock for sale.

E. FISK & SON, Johnstown, Barry County, breeders of Shorthorn cattle, Registered American Merino sheep, and Poland-Chinas swine, and Plymouth Rock chicks. P. O. Bedford, Calhoun Co., Mich. Correspondence invited. LESSITER, Jersey, Oakland Co., breeder of Shorthorn Cattle, Shropshire and Southdown theep. Stock for sale.

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JOHN JOY, Atlas, Genesee Co., breeder of thoroughbred Shorthorns of good families. Young stock for sale. jy15-1 JOHN McKAY, Romeo, Macomb Co., breeder of Shorthorn cattle. Young bulls and heifers or sale. Correspondence solicited.

SEPH SYKES, North Plains Stock Farm, be deer of thoroughbred Shorthorns. Fashionable lamilies and color (red); stock for sale; correspondence solicited. Muir, Ionia Ce. dilly San THORBURN & SON, Ridgevale thorough farm, Holt, Ingham Co., breeders of Duke of CamuShorthorns (pure Princess) 7th shire swine.

45810 at head, also pure York-

S. PACEY, Hickory Ler, Washtenaw Co., breek Stock Farm, Dex-shorthorn cattle and registered thoroughbred tock for sale.

L. BROOKS, Novi, Oakland Co., preder of thoroughbred Shorthorn cattle and breeder of wine; stock for sale. Write for prices. A LOOLMSTED, Burr Oak Farm, Muir, sale, Coo., breeder of Shorthorns. Stock for Jal-lys Grand Rapi-HINSON, Alpine Stock Farm, Shorthorns. Stock Farm, correspondence solicited of thoroughbred correspondence solicited and families for sale.

M. DAVIDSON, Tecum.

M. DAVIDSON, Tecum. jai5-iy breeder of Shorthorn Cb. young females for sale. Also soawee County. Correspondence will receive promb. few choice Shorthorn of Shorthorns of the Young Mary, Letc., families. Young animals for sale. breeder of Norman Percheron stock with im Eldorado at the head of the stud. Correspondence solicited. P. O. address, Muir, Ionia Co.

O SNOW & SON, Oaklawn Park Stock Farm, Malamazoo, breeders of thoroughbred Short-horns. Families represented are Young Marys, Phyllis, Golden Pippin and White Rose. Corres-

PHELPS BROTHERS, Dexter. Washtenaw Co., breeders of thoroughbred Shorthorns. Young Mary, Strawberry, Matilda, Victoria and Gwynne families represented. Stock for sale.

RICHARD DOUGHERTY, Prairie Valley Farm, Colon, St. Joseph Co., breeder of thoroughbred Shorthorns and registered Merinos Stock for sale. CHAFFEE, Byron, Shiawassee Co., breede of Shorthorn cattle, Merino Sheep and Polanc China swine. All stock recorded. Stock for sale

W. C. WIXOM, Wixom, Oakland Co., Breeder of Shorthorn Cattle, of the Kirklevington. Rose of Sharon, Hilps, Cruikshank, Aylesby Lady Young Mary, Phyllis, Lady Helen, Rosemary Duchess of Sutherland, and other families. Her headed by the Bates buil Kirklevington La 1 2nd 46393, and Hero 4th 43940.

W. breeder of Shorthorns, also Merino Sheep Young stock for sale. Correspondence solicited W. BALL, Hamburg, Livingston Co., breed-of Sharon, Phyllis and Young Mary; also breeder of Thoroughbred American Merinos and Poland.

W. GRAHAM, Rochester, Oakland Co., Mich breeder of thoroughbred Shorthorn cattle, thoroughbred and grade Jerseys and Berkshire swine. Stock for sale. Write for prices. f14-1y WM. & ALEX, McPHERSON, Howell, Mich., breeders of Shortnorn cattle and Cotswold sheep. Stock for sale; prices reasonable.

China swine.

WM. WHITFIELD & SONS, Lakeside VV Stock Farm, Waterford, Oakland Co., breeders of thoroughbred recorded Shorthorn cattle and Hampshire sheep. Stock for sale. 81-19

### Holsteins.

A UNDERWOOD, Addison, breeder and dealer in Holstein cattle. Stock for sale Correspondence solicited.

CLARENCE V. SEELEY, North Farming ton, Oakland Co., breeder of Dutch Friesian from imported stock. Herd Books on hand an for sale.

CHAS. F. GILLMAN, 'Fenfield Stock Farm' Pewamo. Breeder and dealer in thor-oughbred Holstein Cattle and Merino Sheep, a221y C L. HARRISON, Lansing, breeder of and O. dealer in pure Holstein cattle. Stock for sal Correspondence solicited

R. PHILLIPS, Bay City, breeder and importer of Dutch-Friesian Cattle. Some fine young bulls for sale. Correspondence solicited.

M. STERLING, Monroe, breeder of pure Dutch-Friesian cattle. Stock for sale. Cor-respondence and personal inspection solicited. M. I. SWEET, Holly Bank Stock Farm, of thoroughbred registered Holstein (Dutch-Friesian) Cattle. Catalogues on application. Cor-respondence and personal inspection solicited.

ROWLEY & PHILLIPS, Orchard Side Herd, breeders of thoroughbred registered Dutch Friesian cattle P. O. address either Utica or Mt. Clemens, Macomb Co. Mich. my27 R. G. WASHBURN, Litchfield, Hillsdale Co., breeder of and dealer in thoroughbred and imported Holstein Cattle. First-class stock for sale

W. SEXTON, Howell, importer and breed-er of thoroughbred Holstein Cattle, Stock farm, three miles south.

PATES & MARTIN, Grand River Herd of Jerseys. Old Noble and Albert 44 families. Choice young stock for sale. Address, No. 10 Ca-nal St., Grand Rapids. Farm five miles east of city B. SMITH, Meadow Brook Herd of Jerseys, Eagle, Mich. Stock of Le Brocq's Price 3350, Coomassie, Young Rose 43, Le Breve and other fa-mous strains represented. Houdan chickens, Pe-kin ducks and fancy pigeons. \$25-3m\*

M. L. FRINK, Maple Grove Stock Farm, Oxford, Oakland Co., breeder of thoroughbred Jerseys. Families, Alphea, Pierrots, and Lady Marys. Correspondence invited and promptly answered. J. G. DEAN, Oaklawn Herd, Hanover Mich. Stock of the Alphea and other noted strains for sale. All stock in the American Jersey Cattle Club Register. Prices very reasonable for quality of stock. Farm, ¼ mile east of village.

### Herefords.

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RIVERDALE STOCK FARM, Metamors, Lapeer Co., Hereford Cattle, Merino Sheep, and Berkshire Swine. All stock registered. Cor-respondence solicited. Address Geo. Stone, M'gr. THOMAS FOSTER, Elm Grove Stock Farr Flint, Genesec Co., breeder of Hereford cat-ic Lord Berwick 20 at head), Cotswold and Shropshire Sheep, Berkshire swine, Road and Trotting horses, with stallions Flint and Mam-prino Gift, Jr., in the stud, with eleven mares of Mambrino and Hambletonian breeding. Stock

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### SHEEP-Merinos.

A. WOOD, Saline, Mich., breeder of tho oughbred Merino Sheep. A large stoch astantly on hand. A DAM DIEHL, Milford, Mich., breeder of registered and unregistered American Meri-nos. Stock for sale on very reasonable terms. Correspondence solicited.

A J. McMILLEN, Nottawa Prairie Farm, Men don, St. Joseph Co., breeder of registered Merino sheep and Percheron horses, with import ed Chere 855 in the stud. 786-19 A MILAN WILLET, Hazlewood Stock Farm,
Muir, Ionia Co., breeder of thoroughbred
registered Merino sheep. Stock for sale. Correspondence solicited. d11-1y

A MOS PARMENTER, Vernon, Shiawassee Co., breeder of registered and high grade Me-rino sheep. Strong constitution and long staple of wool a prominent feature. A T. SHORT, Coldwater, breede

A W. MARING, Burr Oak Grove Farm, Men-don, St. Joseph Co., breeder of registered Merino Sheep. Stock for sale. Correspondence solicited. C C. WARNER, Saline, Washtenaw Co., breed er of Vermont and Michigan registered thoroughbred Merino sheep. Stock for sale.

E. LOCKWOOD, Washington, Macomit County, breeder of Registered Merino Sheep of Atwood Stock, descended directly from the Hammond flock. Stock for sale. Correspondence solicited. HAS. E. SOUTHWELL, Marshall, Mich. breeder of Merino Sheep. Stock registered in Vermont and Michigan Registers. Size, form and density of fleece specialities. May-13-1y

ONNER & FELLOWS, Metamora, Laper Co., breeder of thoroughbred registered Merino sheep. Stock for sale. my13-1y COUCH C. DORR. Grass Lake P. O., residence Sharon, Washtenaw Co., breeder of Mich and Vermont registered Merino sheep, Jersey cattle pure-bred Poland China and Essex swine; also Plymouth Rock chicks. Stock for sale. ap15-11

B. & H. L. SEARS, Ann Arbor, Wash tenaw County, breeders of thoroughbred Merino sheep. Stock for sale. ap27-1y Stock for sale. Correspondence solicited 181-17

E A. DALEY, Pine Creek, Calhoun Co., breeder of thoroughbred Marino Sheep; registered in Vermont and Michigan registers. Stock for sale BURLINGAME & SON, Byron, Ghiawas-see Co., breeders of registered Merino sheep of Rich-blood; also Shorthorn cattle. Stock for sale. Correspondence invited. B. WELCH, Paw Paw Valley Stock Farm, breeder of thoroughbred registered Merino sheep. The foundation of this flock was laid by chases from G. F. Martin, Rush, N. Y. Also Ig of Poland Chinas. P. O. address, Paw Paw

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ence son. KELLOGG, Oceola Center. Living.
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F. HARRINGTON, Paw aw, becker of thorougabred Merino sheep and pui Poand China Swine. All stock registered and booked.

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J. E. GILMORE, Grand Blanc, breeder and dealer in American Merinos of pure Atwood blood. All stock registered. Good stock rams for sale at prices to suit the times. Correspon-dence solicited. jy15-1y

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Co., breeder of Vermont and Michigan regisered Merino Sheep. Stock for sale. apl-1y JAMES M. KRESS, residence Bridgewater, Washtenaw Co., breeder of registered Merino sheep. Stock for sale. P O address, Clinton, Lenawee County. mr4-ly

C. THOMPSON, Romeo, Macomb County, breeder of Thoroughbred Registered Merino Sheep; also Poland-China Hogs. Stock for sale. Correspondence solicited. may8-1y\*

J EVARTS SMITH, Ypsilanti, breeder of ther oughbred Merine Sheep, registered in Vermoni Register. Rams and ewes for sale of my own breed ing, together with recent selections from some of the best focks in Vt. Examine before purchasing elsewhere

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JOHN M. HORNING, Norvell, Jackson Co., breeder of registered Merino sheep. Young stock for salo; correspondence and inspection in vited.

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AKE BROS., Wixom, Oakland Co., breeder of Registered Merino Sheep. Stock for sale orrespondence solicited.

M. KELSEY, Walnut Valley Farm, Ionia,
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cheep, recorded in Vermont Register.
Correscondence solicited.

W. & O. BARNES, Byron, Shlawassee Co. Breeders of Registered Merino Sheep and Poland-China Swine. A choice lot of young stock to sale at reasonable prices. Correspondence solicited M A. GROW, Highland, Oakland Co., breed er of Shorthorn cattlε, registered Merine sheep and Poland China swine. Write for prices.

M. RAYMOND, Grass Lake, Jackson Co.
breeder of thoroughred Merino sheep. Stock
or sale. Correspondence invited. ap15-1 M R KING, residence, Bridgewater, Wash tenaw Co., breeder of registered Meriac sheep. Stock for sale. P O address, Clinton, Len-awee County.

RHATHAWAY, Addison, Lenawee Co., Mich Sheeder of thoroughbred American Merinco sheep, registered in Vermont and Michigan Registers. Rams and Ewes for sale of my own breeding, together with selections from some of the best flocks in Vermont. Correspondence solicited. B. HAMMOND, breeder of Registered Me
• rino Sheep, proprietor of "Prairie Home"
Stock Farm, Kalamazoo, Mich. Stock for sale al
all times.

S. BREWSTER, Hanover, Jackson Co.,
breeder of Vermont and Michigan registered
Merino sheep. Stock for sale. apl-17 WM. C. SMITH, Brookdale farm, breeder of

VV thoroughbred registered Merino sheep. The ploneer flock this part of this State. Stock for sale P. O. Carson City, Montcalm County, Mich. 425-17 WM. H. BLOW, Flint Valley Stock Farm Thornville, Lapeer County, breeder of reg-tered Merino Sheep, Berkshire Swine and Ply-outh Rock chicks. W. RADFORD, Marshall, breder of Merino Sheep. Stock recorded in Michigan Register. Size, form and density of fleece speci-alities.

May-13 1y W. E. KENNEDY, Somerset, breedersa dealer in Vermont and MichiganRegistered Merino Sheep. Stock for sale.

VAN GIESON BROS., breeders of register ed American Merino Sheep. Residence, Bridgewater, Washtenaw Co; P O address, Clin-ton, Lenawee County. m4-13 Shropshire Downs.

HUBBARD, Marshall, Mich., breeder and importeriof Shropshire Sheep. Imported and stock bred from imported sheep for sale. Write for prices GARLOCK'S imported and Michigan bred
Shropshire sheep, the popular mutton and
wool breed. Only flock in Livingston County
eldest in Central Michigan, imported Roderic
Dhu at head. Early orders secure first choice.
Wesley J. Garlock, Howell, Mich.

CEORGE H. GERMAN, Franklin, Oakland sheep and recorded Shorthorn cattle. sale. Correspondence solicited. J. F. RUNDEL, Birmingham, Oakland Co. importer, breeder and dealer in thoroughbred Shropshire and Hampshire sheep. Correspondence promptly answered.

EWIS WILLEY, Pewamo, Ionia County, breeder of Shropshire Downs from imported stock. The mutton sheep of the world. myl-84

HOGS.—Berkshires & Suffolks.

FRANK SPAULDING, Charlotte, Michigan breeder of Improved Berkshires. All Berk L breeder of Improved Berkshires. All Berkshire swine recorded. Stock for sale. Correspondence solicited. C EO. B. COLE, Lansing, Mich, breeder of Berkshire and Suffolk Swine. All Berkshire stock recorded. Correspondence solicited. o103m

A C. HOWEN, Wixom, breeder of pure-bred Poland-China swine, from stock bred by S. H. Todd, Barnes Bros., and A. J. Murphy. All recorded in Ohio P. C. Record. Choice young stock for sale. A. LIMBECK, Oak Plains Stock Farm, Dowagiac, Mich., breeder and shipper of pure Poland China swine. This herd of breeding stock is selected personally in Ohio from prize winners; stock recorded in Ohio record; breeding stock for sale, not akin.

Poland-Chinas.

C H. STANTON, Proprietor of Wood Lawr Stock Farm, St. Louis, Gratiot Co., breeder and shipper of pure bred Poland China swine and Southdown sheep. Correspondence solicited. F you want pure Poland-China swine of best strains of blood or choice registered Merinos heep write to me or see my stock before you purchase, elsewhere. C. M. Fellows, Manchester, Washtenaw Co., Mich.

Chester Whites.

A MOSS. CRAPSER, "River Grove" stock farm, Grand Blanc, Genesee Co., breeder and shipper of pure-bred improved Chester Whites of best strains. Stock for sale. A. SEARING, Proprietor of the Walnut Grove Stock Farm, Lyons, Ionia Co., breeder and Shipper of the choicest strains of Chester White hogs. Stock for sale not akin. Also Short-horn cattle. Correspondence solicited. W. TUBBS, Delhi Mills, Washtenaw Co., Swine. Choice stock for sale.

Cheshires. TITSWORTH, Millington, Tuscola Co., breeder and shipper of Improved Cheshire Swine—a specialty. Order early. Correspondence collected A Genesc. WRIGHT, South Grand Bla

d Essex swine. Stock and shippers of pure

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HORSES.—Draft and Trotting.

A LONZO SESSIONS, Grand River Valley Stock Farm, Ionia, breeder of Cleveland Bay, Coach and Roadster horses. Imported Dalesman

A PHILLIPS, Dansville, Ingham Co., breed, er of Clydesdale horses. Imported Karl Dun more, Young Chancellor, Young Marquis, and Young Campsie in the stud. Young stallions and stock for sale.

jy1-1**y** E WOODMAN, Paw Paw, breeder of Perchastill at head of stud. Young stock for sale at all times at moderate prices Write for what you want W. FLETCHER, Orchard Grove Stock Farm, Mt. Clemens, Macomb Co., breeder of trotting and draft horses, with Carver (standard) 2667, Macomb and imported Ciydesdale Glenluce 2137, 1600 in the stud. Stock for sale.

HILLSIDE STOCK FARM, Watervliet, Berrien Co., Parsons & Baldwin, breeders of Percheron Horses, with imported Trojan No. 1206.

Ow. PARSELL, Flushing, Genesee Co., importer and breeder of Clydesdale draft horses, with five stallions in the stud, including imp. Lord of the Tower (2972), Solway Knight (3207) and Clinker (1700). Stock for sale. PORTLAND BREEDING STABLES—L.P. Ferguson, Proprietor. Stallions Young Chief, Lofty, Portland Charley, George Wellington (Clydesdale) and Toronto Chief (Clydesdale) Address L. P. Ferguson, Portland, Ionia County.

PARKHURST & MOTT, River Bend Stock Farm, Augusta, breeders of registered tretting horses. Frank Noble 1709, Cottonwood 1705, and Blackson 2505, in the stud. Write for catalogue.



### LEVI ARNOLD

Riverside Stock Farm PLAINWELL, MICH. BREEDER AND SHIPPER OF-Pure-bred Recorded Poland China Swine

Registered Jersey Cattle. (A. J. C. C. H. R...) and Registered Merino Sheep. Poland Chinas still a specialty. Herd established in 1869. Is the largest herd in the State. Is emphatically a herd of prize winners. Stock all dark in color and faultless in style, consisting entirely of the most noted families of the day. Pigs of Fall of 1883 and Spring of 1884, sired by eight stock boars of the choicest breeding and highest individual merit, including Black Tom No. 2529, Black Hopeful 3279, Reckless No 4215, Darkness No 3597, Countersign 2565, and three grand yearling boars, Black Donals No. 4679, Welcome No. 6265, and Index Jr. No. 5433. Can supply stock in pairs, trios, herds and car loads. Stock all recorded in Ohio P. C. Record. Show stock for fall fairs now on sale, all ages. This herd has no superior for elegant style, symmetrical forms and combined color, constitution, size, early fattening qualities, and fine finish.

## color, constitution, size, early fattening qualities, and fine finish. A choice lot of young, solid-colored A. J. C. C. H. R. Bulls for sale cheap. Rich in the blood of Alphea, Rioter 2d, and other noted strains. For prices and particulars address as above. All corres-pondence promptly answered. ESSEX STOCK FARM

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JOHN DIMON. MANAGER. --- IMPORTERS AND BREEDERS OF -Percheron Horses, Shorthorn and Polled Aberdeen Angus Cattle, Berkshire and Suffolk Pigs

and Shropshire Sheep

YOUNGSTOCK FORSAL A. J. MURPHY Breeder of Pure-bred Recorded POLAND CHINA SWINE PLAINWELL OR SILVER CREEK, MICH.

My herd is dark in color and bred from the most noted herds of Ohio and Michigan. Pigs sired by Arnold's Sambo, Black Tom, Hopeful, Murphy's W. S. and Dixie. Stock first class. Prices reason-able. Special rates by express. **Greenwood Stock Farm** A choice lot of Pure bred Poland China Swine for sale at reasonable rates. Pigs in pairs and trios not akin. My herd numbers about 200 head, including descendants from some of the mest noted families. Breeding stock recorded in Ohle P. C. Record. Correspondence and inspection invited.

B. G. BUELL,

Little Prairie Ronde, Cass Co., Mich POLAND CHINAS PINE GROVE HERD.

Porter, Cass Co., contains over 100 head of Pure-bred Poland China swine; blood of the Butlers, Corwins, Sambos, and U. S. 1195 stock, all re corded or eligible to registry in Ohio Poland China Record. Parties desiring stock can be supplied at reasonable rates. Call on or address GIDEON HEBRON, Box 300, au12-1y Constanting, St. Jo. Co., Mich. Shorthorn Bulls For Sale. Sired by Proud Duke of Fairview 20720, and Lord Barrington Hillhurst 52431, out of Young Mary, Phyllis, Lady Elizabeth, Perl Duchess and Rose of Sharon cows. Also a few cows and heif-ers. Reliable catalogues always on hand for distribution.

WM. CURTIS & SONS,
Addison, Lenawee Co., Mich.
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### Addison, Lenawee Co., Mich. Addison is on the new Michigan & Ohio Raiload. Residence connected with State Telephone Shorthorns For Sale.

Bulls, Heifers, Calves and Cows. Choice milking strains. All Herd Book registered. Will be sold very reasonable at private sale.

B. J. BIDWELL Tecumseh, Mich. A SPLENDID HOLSTEIN BULL For Sale. Lehman No. 1377 H. H. B.; calved March 11th, 1882. Sire, imported Lenox No. 407: dam imported Falkea No. 301. One of the finest bulls in the State. Also three thoroughbred Hol-stein hull calves for sale.

bull calves for sale.
A. P. CODDINGTON, Tecumseh, Mich. CHESHIRE SWINE A New Breed in Most of the States. Send for Price List and Illustrated circular. n27-tf W. G. SMITH & CO., Mansfield, OMc.

FOR SALE

Iron grey stallion, seven years old, 15% hands high, weighs about 1.050 lbs; sired by Louis Napoleon. Is a green horse, but shows good action; has sired some first-class colts. Address fig. M. L. WRIGHT, Owosso, Mich. Dutch Friesians (Holsteins) For Sale.

I will sell two or three choice imported heifers two years old, soon due to calve. Cattle at La-peer. Address I. H. SUTTERFIELD, Jr., mr25-tf Japeer or Fort Huron, Mich. SHORTHORNS FOR SALE.

For keeping American Merica Sheep, Sincrease of flocks of gan Merino Sheep Breeders, Andred by the Michiobtained of the Secretary, Send Postal Note or Money Order op manover. W. J. G. Dean, Hanover, Mich.

Three young bulls fit for service, well bred and good individual animals. Also some choice hearers. Terms reasonable. Correspondence se-L. K. BEACH, Howell, MICH.

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NEW ADVERTISEMENTS.

NEW ADVERTISEMENTS.

## ADMINISTRATOR'S SALE.

In compliance with the laws of the State of Kentucky requiring all the personal property of estates to be sold publicly, I will as Administrator of

JAMES C. HAMILTON, DECEASED

### - SELL -HIS ENTIRE HERD OF BATES SHORTHORNS.

At His Late Residence, FLAT CREEK, Bath County, KY...

ON THE 24th AND 25th SEPTEMBER, 1884 The herd numbers more than one hundred head of the following families: Airdrie Duchess. Barrington, Kirklevington, Rose of Sharon and Young Mary, and will include his Pure Bates Stock Bulls, 2d Duke of Kent 51119, Barrington Duke 37622 and 3d Duke of Kent, No. in Vol. 27.

Catalogues may be had by applying to me after August 10th.

GEO. G. HAMILTON, Administrator.

P. O. Flat Creek, Bath County, Ky.

SEPTEMBER 26, 1884, Williams & Hamilton, of Mt. Sterling, Ky., will sell a select draft of about fifty head SEPTEMBER 20, 1884, Williams & Hamilton, of Mt. Sterling, Ky., will sell a select draft of about fifty head from their Longwood Herd, which will include Kirklevingtons, Craggs, Hilpas, Places, Rose of Sharons, Young Maries, Phyllises and Josephines, topped by 4th Duke of Geneva (30958), Grand Duke of Geneva (28756), Geneva Wild Eyes 51776 and Barrington Duke 37622. Apply to them at Mt. Sterling, Ky., for catalogues.

were dead, and the remains buried in the Greeley cemetery in one large coffin. Eight others are not expected to survive their burns. others are not expected to survive their burns.

A heavy piece of casting was placed on the track of the Illinois Central, near Galena, Ill., one night last week, with the evident intention of wrecking the fast passenger train. The casting was wedged into a frog near a big bridge. When the evigine struck the obstruction the engineer felt the jar and stopped the train, finding the casting shattered into fragments, but for which the train would have been thrown over the bank. This is the second attempt to wreck trains in this way at the same place.

Emperor William was thrown from his horse on the 28th, while riding in the park, and lightly injured. England is sending reinforcements to Egypt. The expedition for the relief of Gen. Gordon is increased to 7,000 men.

The Paris Figaro says France has 51,000 The rans rigary says France has 51,000 troops in Algiers, which are ready to seize Osiro when so ordered, if the French be barred from the Suez Canal. It is stated there is a magnificent harvest in It is stated there is a magnitude of the state of the sta

men and boys are left. France so far has been victorious in her con-

France so far has been victorious in her conflict with China. The Kingpai forts at the mouth of the Min River, and all the defences along its line have been destroyed. The French merchants expelled from Canton have arrived 'at Hong Kong.

There was a serious riot at Lima, Peru, last week, caused by the entry of Gen. Caceres into the city, his entrance being disputed by the government troops. About 150 persons were killed. The government troops drove out the insurgents, and captured 300 prisoners. Caceres cutathe telegraph wires and stopped all the railroad trains.

Enclosed find \$18 for the Sewing Machine and FARMER for one year, as advertised. Send the Machine to Jacob Flegel, Dexter, in my care. Mr. Fiegel's daughter, who is living with me, got one of the machines some time ago, and is so well pleased with it that her people wish to avail themselves of your liberal offer, and now order another. EBENEZER SMITH, Dexter.



Inquiries from subscribers falling under this head will be answered in this column if the replies are of general interest. Address communications
to Henry A. Haigh, Attorney, Buhl Block, Detroit

#### No Government Lands for Sale in Dakota.

NEW HUDSON, Aug. 30, 1884. Law Editor of the Michigan Farmer.

DEAR SIR: Can a person buy land from the Government at \$1.25 per acre in Dakota, or any place where Government lands are located, and hold the same without remaining on the land? Please answer and oblige. S. RENWICK.

Answer. There are as yet no Government lands for sale in Dakota, the policy of the Government being to encourage actual settlement under the homestead, pre-emption, and timber culture acts, and large tracts and holding them for specu-

country where the bulk of the public lands has been taken up by home stead and pre-emption entry, the balance may be bought from the Government at \$1.25 per acre. But public lands can only be so bought where, in pursuance of only be so bought where, in pursuance of authority from Congress, the President has offered the same for sale at public auction. Sales of public lands are thus from time to time held in the different land district of the same for sale at public and the solid at private eale. This flock is descendently from time to time held in the different sale from times to suit purchasers, and at prices to suit the times. Come early if you want a chance suit the times. land districts after due notice in the pub lic newspapers. The lands are offered in half quarter sections to the highest bidder, and the sale is kept up as long as the bidders hold out. No lands are sold for less than \$1.25 per acre and no credit is given, full payment being required on day of purchase. All lands which have been so advertised for sale, which remain unsold at the close of the public sale, are held subject to be sold at private sale at \$1.25 per acre.

Lands lying along railroads and other improvements, the projectors of which have been given land grants of alternate sections, are held at \$2 50 per acre.

There are railroad lands for sale in the northern part of Dakota by the Northern 1t Pacific Railway Co., at prices fixed by the company, and any individual who has acquired title from the Govern. Valley Seed Wheat. has acquired title from the Government car of course sell his land, or if he has not completed his title can sell his claim. But no land can be bought there directly from the Government and it is not likely that any will be offered for some title land.

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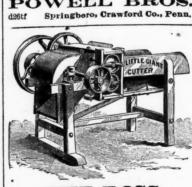


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### THE WAY IT IS SAID.

The Sultan swoke with a stifled scream Mis nerves were shocked by a fearful dream;

Poetry

men of terrible import and doubt-We teeth in one moment all fell out. mon assembled at break of day, atood by the throne in solemn array

And when the terrible dream was told, Bach felt a shudder, his blood run cold; And all stood silent, in fear and dread, And wondering what was best to be said.

At length an old soothsayer, wrinkled and gray, Gried, "Pardon, my lord, what I have to say: "Tis an omen of sorrow sent from on high;-They shalt see all thy kindred die.

Wroth was the Sultan; he gnashed his teeth, and his very words seemed to hiss and seethe Ashe ornered the wiseman bound with chains, and gave him a hundred stripes for his pains,

The wisemen shook as the Sultan's eye Swept round to see who next would try; But one of them, stepping before the throne, claimed, in a loud and joyous tone:

\*Explt. O head of happy State ! Rejoice, O heir of a glorious fate! For this is the favor thou shalt win,

Saltan-to outlive all thy kin!

ed was the Sultan, and called a slave, and a hundred crowns to the wiseman gave But the conrtiers, they not, with grave, sly winks and each one whispers what each one thinks.

"Well can the Sultan reward and blame; moth the crafty old Vizier, shaking his head, for much may depend on the way a thing's said?

WAITING.

Serene I fold my hands and walt, Nor care for wind, nor tide, nor sea; I reme no more 'gainst time or fate. For lot my own shall come to me

I stay my haste, I make delays; For what avails this eager pace? stand amid the eternal ways, And what is mine shall know my fac-

Asleep, awake, by night or day, The friends I seek are seeking me; No wind can drive my bark astray, Her change the tide of destiny

What matter if I stand alone? I wait with joy the coming years; My heart shall reap where it has sown, And garner up its fruit of tears.

The waters know their own and draw The brooks that spring in yonder heights to sows the good with equal law Unto the soul of pure delights.

The stars come nightly to the sky, The tidal wave unto the sea; Nor time, nor space, nor deep, nor high, Can keep my own away from me



### KING OF NEUCES COUNTY.

It was a winter night; winter not only by appointment of the almanac, but by the more potent authority of the fierce Sierras, that shricked wildly through the "norther." that raiding wind of the streets, battering in its loud hectoring way at shutters and doors, as if demand ing admission upon penalty, bullying and termenting the helpless trees as if it would at once and forever make an end of them, catching the unresisting rain in its strong clutch, whipping it against the windows and walls, and driving it through a thousand unsuspected crevices -a sort of Golaith of Gath wind, that roared up and down through the camp, daring the whole host to come out battle with it.

Of the few unfortunates whom circum stances compelled to meet this rude challenger, the omnibus of the Island City Hotel held two just arrived by the train from some indefinite region to the northward, and continuing in this perilous manner their journey toward rest and melter. They were of opposite sex, the man a burly, black-bearded person, with black eyes that glowed beneath the shadow of his broad-brimmed hat with a are scarcely inferior to that of the imposing diamond on upon his shirt front. sat squarely in the middle of the seat, with one arm stretched along its back, pursing a heavily booted foot upon one knee, and complacently threading the Angers of his brown hairy hand through his thick beard. The woman, whom even the uncertain light of the ineffectual hamp showed to be young and attractive. was buttoned from the throat to ankle in an all enveloping waterproof, but her hat was a stylish little affair of felt, trimmed with a handsome plume; and a muff of rick dark fur, which reposed upon her hap, united its testimony to that of the Bussia leather traveling satchel upon the favorable side of the question as to her fortune and social standing.

She sat with her back as nearly turned wpon her fellow traveler as the construction of the vehicle would allow, gazing fixedly out of the front window where the flickering ray of the driver's lamp showed her the wet backs and drooping ears of the horses. Her position | with me." afforded an admirable view of the solidly coiled braids of hair, with a fringe of Mittle unpremeditated curls, that fell from beneath them upon a slender, wellmoulded neck, which the black-bearded man seemed to find pleasing.

The omnibus labored heavily forward an the gale, which had laid its lash of raindrops sharply across the closed glasses. All at once, with a fearful lurch, i came to a momentary stand, hesitating apparently upon the verge of a catas trophe; while the flickering ray gleamed brokenly upon the agitated surface of body of water of undetermined extent The young lady started up, grasping her matchel, and looking about her as if for means of escape.

"Don't be frightened, ma'am," said he fellow traveler in a deep bass voice "Just fordin' one of the city ponds; keep

your seat." "Is there no danger? The driver hasn't mone into the gulf by mistake, you Mink?" panted she in a sweet tremulous

"Oh, we're all right. I'll be dog

goned if the omnibus oughten to be schooner rigged, tho', or the city oughter keep ferries on their lakes. They never know whether they're afloat or ashore in this town. I'll be dogged ef I'd live in it ef they'd give me th' hol' layout."

The lumbering vehicle resumed dark and pathless way, the young woman sank into her seat and the burly man into silence, still combing his whiskers with his brown hand, and nursing the heavy foot on his knee.

"Here we are," he said cheerfully, as with a final lurch, and a complaining groan from each separate joint, the ark rested, and gathering his valise in one hand, and laying the other upon the door, he seemed to dive headlong into open space. As the young woman timidly followed, however, she saw that he was waiting for her, his figure indistinctly outlined against a luminous doorway, opening into a huge, square shadow, which she guessed rather than saw to be the hotel.

"It's mos' too wet for them there shoes of yourn," he said by way of explanation, and without further speech he cast an arm about her waist, and crossing in two strides the intervening strip of water and sand, set her down upon the gallery in front of the open door.

A waiter pounced upon them and taking the satchel and valise into one hand as if satisfied that they belonged together, led the way to the ladies' parlor.

"Here's a fire," said the burly man; come set by it and warm you'se'f. You must be pretty nigh froze." She yielded quietly, though with

little air of reserve, to his direction, and accepted the chair he placed for her before the open fire, which was doing its inefficient best to warm the large empty room. She looked like a woman acsustomed to being taken care of, one toward whom every man would naturally experience the protective impulse, and her present self-elected guardian regarded her with an expression at once critical and approving, as she leaned back and put her two shapely, well-shod feet upon the fender.

"I s'pose I better go an' see 'bout my room an' some supper," he said. "Ain't vou hungry?"

"I think I could eat something." "I should think so. You'll want

room, too, I reckon." "Why, yes, to be sure. I forgot that I must register.

"I s'pose I might register for you jis 's well as not, ef you'd give me your name.' "If you would be so kind, I should be ever so much obliged," she assented

Louis: wait. I have a card." She drew from some concealed receptacle under her waterproof a rotund pocketbook from which she extracted a dainty

"All right," he said, taking it, "that'll fix it. I'll be back in a minit.'

He strode away, and she, turning herself a little in her chair, looked after him with an expression of amused wonder. As the door closed behind him she rose in her chair, and rapidly unbuttoning the long waterproof threw it off and ran to the pier-glass. It is not often that a full tremolos devised for it by the ingenious length survey of one's person after a long railway journey proves so satisfactory. The dark, well-fitted costume looked fresh and crisp, and when she had effected some mysterious change under cover of the overdress, the apparently short skirt fell into a graceful demi-train, with what the modistes call a charming arrange ment of flounces and drapery. Bringing her satchel from the chair where the porter had deposited it, she poured some cologne upon her handkerchief and rub ed it over her face, following it up with a bit of chamois which she first applied to the contents of a small oval box of white cardboard, retied her scarlet cravat, settled her hat in a more becoming position, then with an approving nod at the image thus readjusted and brightened, returned to her place by the fire.

The image was not indeed unworthy of approval. A rather petite image it was. with well-rounded figure, and a face, which, though somewhat heavy featured had that piquant charm of clear light gray eyes shadowed by long dark lashes, and contrasted with olive skir, and dark hair which belong to orbs of a deeper

hue. She had hardly regained her seat when her new acquaintance returned. He also had transformed, his appearance somewhat by the removal of his hat and over cost and looked a trifle less burly though his under coat made no pretense of fitting him. His face presented that contrast in color common to hat-wearing men who live much out of doors in warm climates, the forehead being several shades whiter than the cheeks. His eyes testified that he noted the change wrought during his absence.

"You look fresh as a posy," he comented, with a wide severance of the whiskers and mustache, which probably signified a smile. "Well, that's all fixed here's the key to your room, number forty-seven; but if you want some supper you better come right along. It's about over. I'm goin' in now, s'pose you come

She hesitated a moment, then are

and shook her flounces. "I won't take off my hat, I guess, be cause my hair isn't very smooth," she

said, as if consulting him. "You look all right," he returned en couragingly;" "them es don't like it ken look the other way, only I don't think much of their taste in women." he added instantly.

The dining-room was almost empty when they entered, and the lordly stew ard who had jurisdiction there waved then to a seat near one of the stoves.

"Las' time I was here," remarked the gentleman, who had registered himself with a sprawling hand that overran all bounds, as Colonel Sharp, of Neuces County, "they sot me over there at the bachelors' table. I'm in big luck to-night. Now look a heah," he continued to the waiter, "you jis make out it's the Gran' Dook Elexsis you's a waiting' on an' jis everlastin'ly hurry up things. You heah?" The waiter grinned and slid away, and the Colonel again a ldressed himself to his companion.

"I ain't exactly a Rooshen Dook," (the Grand Duke was at that time flashing comet like about the country', "but they call me a king down my way. I s'pose you've heard tell of the cattle kings?"

"Oh, yes, to be sure; and are you one?" "That what they call me-cattle king of Neuces County.

"Neuces County, indeed?" and the an' hang him. lady looked interested.

"Ever been out that way?"

"No, never." "Well, you'd oughter go," and encourged by her attentive look, he launched nto a glowing description, which quite obscured the cold and meager supper and endured to its end.

Upon their return to the parlor the lady signified to an attendant her wish to be shown to number forty-seven, and the Colonel also decided to investigate the quarters assigned to himself. They ascended together as far as the second story, but there the waiter darted down an obscure passage and throwing open a door deposited the lady's satchel within, and then led his remaining charge to higher regions. It was very cold in the narrow little

closet to which she found herself assigned, and by the time she had taken off her hat and re-arranged her hair, and superintended the placing of her trunk in the nicely calculated space left vacant for the purpose, she was shivering to such an extent that she determined to seek the parlor once more. Half way down a heavy tread behind her made her look over her shoulder. It was the Colonel also descending.

"Colder'n Lapland, ain't it?" he said. Going to the parlor to get warm; I reckon I'll go with you."

He seemed to have no dawning of doubt as to the acceptability of his company, and indeed she made no objection The two ladies who occupied easy chairs before the fire, politely made room for them; then, finding it difficult to carry on their interrupted gossip in the presence of strangers, rose and after sauntering about the room a few moments, went out. "Well, I'm glad they concluded to

leave," said the Colonel. "They didn't look sociable like. I hate these stuck-up lookin' females that eye you like's ef they'd never seen the like afore. We've got the place to ourselves now an' here's a pianer. Couldn't give us a tune, could "Oh, yes," she said willingly, and tak-

ing her place before the open instrument she dashed at once into one of those compositions usually labeled "Morceau de Concert." Her auditor listened but not sweetly. "My name is Hemming, of St. with interest. "That's pretty good," he said indiffer

ently. "I s'pose you couldn't play Listen to the Mocking Bird,' could ye I know a lady down my way et kin jis knock that tune off like smoke. She laughed good-naturedly, and at

once began the variations upon "Auld Lang Syne," which so inexplicably introduce the other once popular melody. She played with a fluent ease and brilliancy that showed industrious practice, bringing out her melody well through all

author. The Coionel sat entranced, the aper ture between mustache and whisker widened to a degree that gave his coun-

the labyrinth of runs, arpeggios and

tenance quite a cavernous aspect. "Bully!" he cried when she had "That jis' bangs the Widder finished. Bates all to thunder. You ain't married? "Yes I am," she said, nodding her head and glancing at him mischievously.

"No! by thunder, that's too bad! You say she shu'd have this yer fine yeller hair et's goin' about now, but that ain't no great matter much ef she's got style an' kin play the pianner, an' that you kin jis' everlastin'ly do. I sorter tuck a likin' to you the minit I see you. I swear it's too confounded bad."

"Didn't you see from my card that I was Mrs. Hemming?" she asked, as he paused ruefully."

"Why yes; but I sorter took it for granted you was a widder, you bein' alone o. Mrs. Bates was a widder. Her an' me had it all made up to be married nex' spring. Her husband was shot 'bout a year ago an' her range bein' next to mine it seemed to come in nateral like ef we shud jine lan's and han's. She's a middlin' fine woman, too, an' kin play the pianner, though nothin' like you kin. She puts on a heap of style though, and calls herse'f the cattle queen of Neuces So when she throwed me, I swore I'd bring a cattle queen to the county 'ud make her take a back seat. I did think of gettin' one them white-faced yaller har'd girls, sich as I've seed at the theatre but when I seed you I says to myself, She'd do mighty well es far es looks an style goes,' an' when I heard you play was jus' carried clean off my feet. An' now you're married.'

"Yes," she said, and her face darkened I'm married. It's funny, though. I'm going to Neuces County. I am going by the next steamer. "Are you?" what for! He ain' run

away from ye, is he?"

"Yes, he's run away from me," she re turned, in an even tone that seemed to cover some repressed feeling. "Well, dog on his mean hide! I'll

shoot him on sight ef you say so. You didn't hear he was in Neuces county, did vou? Yes, I heard he was there."

"I ought to know him, then. I know putty nigh every man in the country. What is his name?" She did not answer at once, appearing

to reflect whether it were prudent to place

so much confidence in a stranger, but finally she said slowly, and as if more to herself than to him: "He calls himself Holden."

"Jack Holden?" cried the Colonel, ex citedly. "So I heard," she said, looking keenly

at him. "The Widder Bates' husband, by The Colonel forgot the restraint he had hitherto laid upon himself and uttered a genuine oath.

"It's true that he's married then?" she asked quickly, and with flashing eyes.

"Handsome, light-completted, curlyheaded feller?

"Yes." 'Plays the fiddle?" "Yes."

"That's him! (expletive) that's the Widder Bates' husband! D-n him! Shootin's too good for him." I'll raise a crowd

"No, you won't," she said, and she drew her breath fiercely between her set teeth. "I can settle my own affairs."

Handsome Jack Hemming, alia Holden, sauntered slowly down the main street of Corpus, his wide sombrero in his hand, his curly head bared to the mild evening breeze that breathed softly in from the gulf. He wore the costume of the cattlemen, but somehow it fitted and became him as it became no other. On him the blue blouse belted at the waist the leather breeches and the high boots seemed the proper dress of a gentleman. Jack spent much of his time in Corpus

now, since his marriage had put him in

funds again, and there were men in the town who, had they chosen, could have given the cattle queen of Neuces some information that would have disturbed the complacent satisfaction with which she regarded her handsome prince consort. Jack, however, concerned himself no at all about such possibilities. His scheme

of life included little beyond enjoyment of the present, and he was already beginning to tire of the resources Corpus offered in that direction. As he sauntered down the street with the sun in his eyes, he was revolving a

plan for getting possession of certain thousands belonging to the Cattle Queen. and as he phrased it to himself! "Lighting out for 'Frisco." 'Frisco seemed just the place for him; he was half sorry he had not struck out for that city in the first instance. A woman's figure issued from a door way a few yards in advance and moved

toward him. The sun being in his eyes he did not see her very well, not even when she paused in front of him with glittering something in her outstretched hand directed at his breast. Something about her must have struck him as familiar, however, for he make

step forward with an inarticulate cry almost simultaneously with the red flash and the sharp report that split the evening quiet. He wavered a moment, turned half

about, made a futile effort to put on his hat, passed his hand against his breast, then fell slowly forward. The woman, who had stood watching him with a face from which every particle

of blood had fled, sprang forward with a loud shriek, and threw herself beside him. A man, it was Colonel Sharp, ran to her and tried to lift her up. "Come," he urged in a low tone, "thar's

crowd getherin'! You mus' git away." "What! With you?" she exclaimed Then crying out, "Wait, Jack, I'm coming, too," she turned the muzzle to her own breast and fired a second shot, as sure as the first.

The Colonel slowly recovered himself. 'Thar ain't" he said, solemnly taking off his hat and stretching out his hand as if about to pronounce an oration, "thar ain't a man in Neuces that's her equal for grit, or a woman that's her equal fer pianner playin',"-Felix Gray in Texas Siftings.

### Selling Names.

In the rear of a cigar store in Eight avenue, says the New York Sun, a man was treading a small press which constantly turned out sheets of names. Dealing in names was the man's business. All around fill the bill almos' to a har, you do. I did him were shelves laden with card board boxes full of names on sheets like those he was printing. On the edge of the shelves were printed strips bearing the words "lawyers," "doctors," "druggists," 'grocers," and so on through the long list of vocations. "I advertise a million names," said the man, "I don't suppose have got half as many as that. They're for sale. I sell them to business men, mer who want to send out circulars, publishers who are starting journals and want to inroduce them widely, inventors who have something they want to bring to the otice of a certain class of persons, and o on. For instance, a man who has invented a beer faucet got from me the names of brewers and saloon keepers; another man who designed a new form of memorandum book came to me to-day for the names of all the lawyers and physicians in my collection, and the proprietor of a nilitary academy up the Hudson came in nere yesterday and got about all the names had. I print them, as you see, about half an inch apart, so that they can be cut off and pasted on wrappers, envelopes, or

newspapers. "I get these names in all sorts of ways. For instance the Sun keeps me busy every day cutting out and copying names. copy all names of business firms, householders, officials, and professional men. But most of my names come to me in other ways. The official list of licenses granted, legal documents, directories, blue books, lists of membership of clubs, associations, corporations and in a score more ways than I can think of in a hurry. renew my lists constantly, and every midsummer I throw away those I have had for a year; not all of them, but all I think are unreliable, such as householders, for instance. There is plenty of demand for large circle of persons quit this little den after the Colonel's departure Mrs. Lester of mine full of gratitude, saying that gave out she was ill, and, retiring into they would not have known what to do but for me. They are usually surprised at the low price I charge, but I have low services so much as because there are others in this business in New York, and the competition is lively.

A CORRESPONDENT of the Prairie Farm er speaks of the many uses to which home-made cement may be put. Mix litharge (white lead) and glycerine until it is about the consistency of soft putty. t will mend coarse earthenware, stop leak in an iron ketttle or tin ware. useful in tightening loose bolts and fas tening on lamp tops. Neither hot nor cold water, nor acids affect it. The same journal says dolls's heads may be made practically indestructible by filling the heads with plaster of Paris and allowing it to set firmly.

### A NEW SKIN.

Colonel Avignon was a widower and ex-Guardsman of about forty-five; handome and martial looking in appearance, in both military and social matters he was a martinet. Never had he been known to pass over the smallest fault without a severe remark, and was laughingly called by his intimates the censor of public morals. His late wife had been indeed a helpmate to him; for though she was scarcely soft and gentle enough to be designated a saint she was nevertheless a very dragon of virtue. After her death, now some two years ago, Colonel Avignon had gone more into general society than he had done in her lifetime, in order probably to distract his mind, and people were beginning to whisper that he was inclined to treat the naughty but nice with more leniency that he had done when his actions were peered into by the sharp eyes of the late Mrs. Avignon. It was very certain that Colonel Avig-

non passed a good deal of time at the bijou house of the beautiful Mrs. Lester, who lived in Hans Place. Minnie Lester had, two or three years ago, been one of society's darlings; but she had fallen from her high estate when, no longer able to tolerate her first husband, Sir John Wallack, who was a boor, she had fled with Charlie Lester, been divorced and married again. Charlie Lester was since dead. and the pretty Minnie at twenty-six found herself a well to do widow, with dainty house in London, to which, though the men flocked with empresse ment, the ladies of her old set, alas! declined to come. In fact, the late Mrs. Avignon drove out of her way rather than pass it. But then the Avignons were very old friends of Sir John Wallack's family, and how could they be expected to know that horrid woman? Yet since Mrs. Avignon's death the

Colonel had called on Mrs. Lester very trequently. He said he was a Wallack trustee, and that there were money affairs still unsettled; but of course this excuse was absurd-all money relations between Minnie Lester and the Wallacks had been arranged long ago. It was the widow's irresistible charm that lured Colonel Avignon again and yet again to the house in Hans Place. Never before had he been under the dominion of any one half so beautiful, and the way in which she seemed to have taken entire possession of his thoughts almost frightened him at times, and made him resolve to deny himself for while the pleasure of her society; but the sacrifice was too great, even for his strong will, and the morrow was sure to find him once more a worshipper at beauty's shrine. And there is no doubt that Minnie Lester was very beautiful-a brunette, with laughing eyes and curling hair of the mellowest brown, there was no need of cosmetic or dve to enhance her personal attractions. Ah, if that well known story about her

past could only be blotted out of the annals of London scandal what a happy man might Colonel Avignon become. But marry this woman, with that delinquency of hers staring bim in the face, and the sound of his friends' voices tittering around him? No, it was quite impossible he could never do it. And yet he had loved Minnie as he had never loved any woman before. What was to be done? His perplexity was driving him well-nigh mad

And she? Troops of adorers flitted about and worshipped her; did she prefer this big, stern, middle-aged soldier to them all? Aye, from the very perversity of her womanliness, she did. To win his love had at first been no easy matter; to keep forever, as long as they both should live, would be, she was beginning to think, still more difficult; but for that very reason she was resolved, if possible, to become Colonel Avignon's wife. Yes, she loved him, she decided. What is more, she felt that she could rely on him, and she had just a sort of notion that the shade of the departed Mrs. Avignon might in some way enwrap her and help her back to that place in society which she never ceased to regret.

Colonel Avignon's visits to Mrs. Lester vere kept very quiet; still they could not remain altogether unknown, and heavy pets were being taken at the clubs as to how the little game that was being played out in Hans Place would end. Several topics of public interest were engrossing men's minds at the moment, but they all paled before the startling intelligence that broke on fashionable London on a sudden one morning, that Colonel Avignon had started for America on a long tour! That he would marry Mrs. Lester, notwith standing his moral rigidity, some people had thought possible; that he would come to his senses and deliver a distribe on laxity of behavior, others had decided: but that Colonel Avignon, the brave soldier, would take to his heels and run away from danger-no, that was a contingency no one had contemplated for a moment From that time forward, much though she had been hitherto disapproved of, Mrs. Lester became a centre of interest\_

"Colonel Avignon had behaved abomin ably, and the poor woman was very much to be pitied," this was society's verdict.

It was an open question, however, whether the main reason of their pity was not that they were disappointed at having no further opportunity of discussing the names. Men who want to appeal to a ins and outs of this affair, especially as private life, was no more seen at Sansdown, or in the Fark, or at theatres, and other of her usual haunts. It was very prices, not because I do not value my own evident that the play was over, and the curtain having been drawn down there was nothing left but for the losers to pay their bets, and forget, if possible, the very existence of this ill-assorted couple. There were, however, persistent folk

who said the curtain had only descended on the first act; but of course they knew nothing whatever about the matter-how should they? And even they were silenced when, a few weeks later, Mrs. Lester in bad health-"pining, of course" -started for a foreign watering place. after which she was to pass the winter on the Riviera, her house in Hans Place being let.

of a sleepy concentrated nature at any reason was the most jealous of Mrs Avig time-did Mrs. Lester and her affairs pass till the beginning of the winter, when, just as Parliament had met and London was filling, a rumor was circulated about that the pretty little brunette was dead. Whether Colonel Avignon had anything to answer for on this account no one knew; but, of course, every one said he had, and nicely he was upbraided for allowing his stuck-up notions to stand between him and the happiness that would have saved this poor little woman's life. People quite forgot that he, knowing the world better than they did themselves, was fully aware of the recriminations to which he would have been subject had he attempted to bring Mrs. Lester among them as his wife, and it was entirely be; cause he could not bear to be cast down from the high pedestal on which he had always stood, gazing at his inferiors, that he had taken sudden flight across the Atlantic.

"Of course he will come back now she is dead," his acquaintances remarked.

And to an extent they were right. Colonel Avignon did come back, but not till quite two years had elapsed, and when he returned, to the consternation and astonishment of interested gossips-he was married! "Fickle, dreadful man! And what

may this new wife of his be like?" asked Lady Vassall of Towers of her dear friend, Lady Selina Harpstey. "An American, as fair as day!" wa Lady Selina's answer; "she looks deli-

cious. I saw her at the opera the other night. I made the Colonel introduce her, and I mean to call." "Dear me! Well, I am glad he has married the right sort of woman, after all. His first wife was a terrible bore,

and we could not have noticed that Lester

person-past peccadilloes far too well

known. You can tell this American that

I should like to call. I delight in Americans, they are so racy." And these two ladies being strictly of the right set, with good houses and important salens, the American Mrs. Avignon was lancee in fashionable life if she

was taken up by them. Nor was there any difficulty about the matter. Lady Vassall of Towers was so infatuated with her the first moment she saw her that she decided to give a party at once in order to introduce her. Lady Vassall had a mania for astonishing her intimates with new beauties, new literateurs, artists, and so forth.

Those who saw-the young American for the first time at Lady Vassall's were by no means disposed to cavil over the trumpeting of her charms that had preceded her appearance. She was dressed in the softest gray, a riviere of large dia monds round her throat setting off her creamy skin, on which fair carls hung in a profusion that made many a beholder envious.

Yes, Mrs. Avignon was, indeed, beauty, and there was a shy grace about her as she came in with Colonel Avignon, who looked radiant, that added not a little to the effect she produced. Her eyes, for the most part, she kept fixed on the carpet, as though she were too fright ene i to look up; when occasionally she was induced to do so, the glances told, for they were large, dark, speaking eyes. Decidedly, Mrs. Avignon's debut had been a success, and many was the congratulatory handshake Colonel Avignon received. He had gone to America for something, his men friends said. Ay, had he?

Of course, Mrs. Avignon must be pre sented at the next drawing-room. Lady Vassall of Towers would only be too delighted if she might have that honor. Color el and Mrs. Avignon both demurre for a brief space, but Lady Vassall would sall of Towers in close and private on take no nay; so that the court dress was fabulation in the back drawing room ordered, and when the important day after dinner. arrived no prettier woman than the fair American curtsied to her Royal Highness in a terrible fright, for as soon as the Colthe Princess. People raved about her, men gazed at

her, till Colonel Avignon became so excited it was evident that he was downright jealous, and he was heard to whisper to her, while they were waiting for the carriage, that "he should not be able to stand this sort of thing much longer, but should carry her off to a little place he had in the country, where they could hide their light under a bushel."

Hide her light, indeed! It did not look very like it as she turned on him those vondrous eyes of hers, and answered 'It is such fun, dear, and I do love it so you surely would not wish to deprive me of my pleasure?"

The Colonel shrugged his shoulders and nuttered something about 'he wondered how long it would last;" and then they went out to the carriage, followed by many a remark-Jack Stiles, Colonel Avignon's greatest pal, being the loudest. "She is pretty, by Jove; but Avignon

was an ass to marry her-at his age, too.

She looks shy enough now; but those eyes! If she does not play the deucewell, I'll hold my tongue in the future. And the weeks passed on. There was not a fashionable gathering of any mo ment at which the beautiful Mrs. Avignor did not appear, al ways by her side the grim, stern Colonel, looking each day grimmer and sterner, as though the life she was compelling him to lead was be

coming more and more distasteful to him. But the season was bustling to its close, and after that one season no more London for him, Colonel Avignon said. He had promised his wife to put up with all this nonsensical gadding for three months and then country life and peace. Meantime Mrs. Avignon seemed in the

seventh heaven. Every day she was making new and pleasant acquaintances, and her shyness having disappeared she chatted and laughed with them as though she were thoroughly enjoying life, the very slight American accent, that became apparent at times, just giving a color to her conversation and thereby enhancing its charm. She had several intimate female friends, of whom, notwithstanding their aristocratic standing, Colonel Avignon perpetually told her to beware; but she would laugh, and giving him a kiss. ask him "if he did not think she was quite capable of taking care of herself?" The most intimate of these friends was Lady Selina Harpstey, who for that very

non's success. If she had ever suspected it would have been half so great she would not have raised a little finger to in troduce her, she mentally observed a least a hundred times a week. Mean while she compelled herself to look pleasant, and prattle about her dear friend's beauty and charming manners resolved, however, to take the very first opportunity of venting the spite she, with so much difficulty, daily controlled. July was nearly at an end; there was dinner at Lady Vassall's, to which the Avignons and most of the little coteric

with which they were intimate had been invited. Jack Stiles was sitting next Lady Selina, opposite to Mrs. Avignon. He had been gazing across the table at the fair American for some seconds. The gaze irritated Lady Selina, and she asked somewhat bitterly: "And are you, too one of Mrs. Avignon's devoted admiren Captain Stiles?"

"I was once," he answered, with laugh; "but this year somehow I am not quite so keen about her."

"This year-once-why, I did not know you had been in America. Where have you seen her before?" He looked surprised. "Really, Lady Selina, are you acting or in earnest?" "I don't know what you mean;" and

the expression of her face was blank enough to endorse her words. You have positively been taken in! And I, who imagined that all you ladies were behaving in a magnanimous way out of sheer charity and good nature-well

I am disappointed." Lady Selina looked more and more be wildered than ever. "Who is this-this voman?" she gasped. "An old friend in a new skin," was the

answer; "and she has played her par

with so much adroitness and grace that I think she deserves to keep the position she has attained, don't you, Lady Selina! know you are her greatest friend." Lady Selina's face was as pale as death. while her eyes flashed angrily at her visa-vis. "You don't mean to say she is Minnie Lester?" she asked, a sudden light

dawning on her. "Exactly. I have known it ever sine the first moment I saw her."

"And why do you mention it now!" "Because, from some remarks I heard at the club to-night, I have learned that the secret is beginning to ooze out; two or three men have recognized her. thought you, as her friend, would held me tide over danger for her. It has been a bold measure, but I would not have poor old Avignon subjected to the pair of discovery for the world."

"He deserves it." muttered Lady Selin between her teeth; "it is outrageous most outrageous!" "Granted. But don't you think, Lady

Selina, the laugh will be more against u for being hoodwinked than against Mn. Avignon for her success?" "Perhaps. I must consult Lady Var sall." "She presented her at court. For her own sake she is sure to be silent.'

No more dinner that evening did Lady Selina eat. If she had had her way she would have proclaimed Mrs. Avignon's identity to the whole table; but expe diency kept her silent; she did not want to lose her prestige as "a nice womm," and what is more, was afraid of being laughed at. Any little fraction of secret spite against Mrs. Avignon she would have used thankfully, but this case we so grave she did not feel that she could handle it without assistance. She however, derived some slight consolation from Mrs. Avignon's evident discomfiture nen she saw Lady Selina and Lady Va

The soi disant American was seemingly onel came up stairs she told him she was ill, and begged to go home at once Poor little woman! it was her last appear ance in London social life. No scandal was made of the matter, so the Lord Chamberlain found no necessity to cancel her presentation; but the day after that dinner at Lady Vassall's she received a few lines from her dear friend, Lady Selina, suggesting that unless she wished for a public exposure she should leave town at once, nor ever again present herself for admission into their charmed circle. In writing this letter Lady Selim thought she was having her revenge, but Mrs. Avignon was so thankful at the re-

sult of her little scheme that she only smiled when she read it. "Avignon would not know she had been cashiered," that was all she cared

about. She went into his room with the letter in her pocket, and twining a white arm round his neck she said. "Now I have been everywhere and done everything, let us go away into the country among the roses, dear-this afternoon, if you like."

Surprised and delighted, he only too gladly acquiesced; and in their pretty place in Derbyshire they lead a truly rural life, and are as happy as the day is

Jack Stiles often good to stay with them, but neither of them will ever know that what might have proved a very disagreeable finale to the London season had been mainly averted by his judicious and timely interference.

### Silkworms in Illinois.

An experiment in rearing silkworms is being carried on at the Illinois Industrial University. The results this season are far from being satisfactory, as owing to disease, only a few hundred out of eighty thousand worms have spun cocoons, and most of these are dead within them. The worms are fed on the leaves of the orage orange, gathered in abundance from neighboring hedges.

"What remarkable night-gowns were worn in the early days of England," Jones emarned, as he scrutinized, the armor. Nightgowns!" I exclaimed in suprise. Certainly," said Jones; don't you see hey were only put on knights."

Your system is now more susceptible to the benefits of a reliable medicine than at any other season. Take Hood's Sarsaparilla.

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She spoke of her liking lemon on clams, and Euclid and parallelograms. gor her face was fair and her eyes were brown. and she was a girl from Boston town. And I rowed and thought-but I never said-Havana tobacco trouble your head?" She talked of algae, she talked of sand. And I thought: "Tobacco you can not stand!" talked of the ocean steamers' speed.

and I yearned for a whiff of the wicked weed. and at last I spoke between fright and fret: Would you mind if I smoked a cigarette?" She dropped her eyes on the ocean's blue, and said: "Would you mind if I smoked too? -H. C. Bunner.

### Changed His Opinion.

John Bright is a charming companion. leldom does a political opponent come into his company without being fascinated by the man, though he may dislike the politician. An English essayist tells a story which illustrates Mr. Bright's power as a companion,

One of the great orator's recreations is hilliards. At a sea side hotel, he once strolled into the public billiard-room. Finding there a stranger, the two played several games, neither knowing who the other was.

The stranger happened to be a fierce Tory, a manufacturer from Yorkshire, who hated John Bright and his Libera politics with equal intensity.

While the game was going on, the Tory's wife learned that her husband was company with the famous Liberal orafor. Alarmed, since she had heard him speak bitterly against Mr. Bright, she anxionsly asked:

"Are they fighting?" An hour or two after the husband rearned to his room, rubbing his hands, and in the best of humor. He had had such a good time at billiards with a most cleasing stranger, and they were to play

gain on the morrow. "Why," exclaimed the lady, "it is John Bright you have been playing with!"

The Tory was sobered for a moment by the news. But, recovering himself, he remarked that "those newspapers always did lie about people." And, to the astonshment of his wife, he announced that, under certain circumstances, he himself might vote for John Bright.

The story is a good one, and may serve to remind ue of what we need to have frequently recall, that even a political opponent may be a good man and a charming companion.

#### The Stinglest Man in the World. The old man who drives the stage at

Rye Beach is the stinglest man in the world. He always collects his money at the start, because several years ago a passenger from New York or somewhere died on the way over, and the old man never got his fare. He doesn't propose to lose another fifty cents in that way. Passengers can do whatever they like, for all he cares, but he proposes to get his money Haverhill, and the old man went over He bought a wagon-load of shoepegs, brought them home, and put them in an oat bin. When a farmer put up his horse the old man would give the animal four quarts of shoe pegs and charge fifty cents for them. It was a dark barn and the owner couldn't tell them from oats. Of ourse the horses wouldn't eat any, and the farmer would get scared because they had lost their appetites. The old man had a mixture which he recommended in such cases, and which he sold at fifty cents a bottle. It was harmless stuff, and was made by stirring up thistle tops or something of that sort, but it had a great reputation, for the horses would be given a lose before they started, and another when they got home, and, having had nothing but shoe pegs all day, they were aungry enough to eat their own heads off by the time they got a taste of oats. The redit of the appetite was given to the medicine, of course, and the old man got a big reputation as a horse doctor, and made a mint of money out of his thistletop soup until the shoe peg business was discovered, when he quit the livery business and went to driving stage.- Inter

### A Smuggler's Story.

"Yes," he continued in reply to a ques. tion regarding his smuggling, "I traveled into New York ports for a good many thousand cigars that time and gave it up. How was it?. Wall, I knew they was up to all sorts of dodges, so I bought a load of cocoanuts and water-melons, enough to all a schooner, and a good pile of them that had private marks I had hollered out so that some would-hold three hundred cigars as nice as you please, the cigars being packed in rubber bags. I get 'em into the Fulton market dock all right. They arrived just about two weeks after I did. was unloadin' 'em, when up steps the identical chap who got in with me on the boat and seized the hull business. He kept out of reach of my hands, I kin tell you, but I'd jest like to have grasped him for a minute. They would have gone through

"But the fruit dodge was an old one. I had a friend who worked the di'mond racket that put me up to it. There wasn't an Inspector in New York but what knew him. I left Rio with him one trip and he had over \$50,000 worth of di'monds that Shattuck school for boys, and St. Mary's he wasn't going to pay duty on. Where Hall for girls, The same influence has at-

d'ye suppose he had 'em? Wall, in his tracted to this town the three most desirastateroom he had as big a bunch of ban-ble State institutions—one each for the anas as ever you saw; some green and blind, the deaf and dumb, and the imbecsome ripe, and the green ones he had slit lie. The large and fine buildings for on the side next to the bunch on the in- these six institutions are beautifully loside, and in each one was a stone, and in cated on extensive grounds—several hunand one walks up and says, 'Hello, senor, you to find out,' said the Spaniard, laughing. And so they took him down, and the way they went over his things was a even looked in his hair—he had black curly locks like-but they had to give it up. When they got through he says: Wall, gentlemen, you've had some hard

work. Sit down and have some wine and fruit.' So he ordered a bottle of wine and begins pickin' off some of the ripe bananas, and there they set for an hour or so within three foot of them stones and didn't know it. He never turned a hair; he had nerve. I tell you.

"The tricks he had," continued the admiring friend, "would fill a book. One time, you know, there was a fashion for box toes, and his were box, sure enough, and the toe of each was holler and held coat were holler, too, and made to shut he'd have an umbrella that would hold gas and provided with fine waterworks. half a dozen; then he'd have some stowed The water is drawn from a large well in in an opera glass. He had a watch that the outskirts of the city, where a strong looked all right-showed the works on current was found constantly rushing dollars or more of small stones .- Phila. 200 feet above Main Street, affording am-

#### The Zouaves. The Chicago Zouaves, commanded by

Col. Ellsworth (who was killed at the beginning of the civil war), came to Washington in August, 1860, after having been hospitably entertained at New York, Philadelphia and Baltimore. This corps, which numbered seven officers and forty two muskets, revolutionized the drill of the volunteer military or anizations of the country. Their uniform was loose scarlet trousers, gaiter boots and buff leather legg:ngs, a blue jacket trimmed with orange colored braid, and a red cap with orange trimmings; their scarlet blankets were rolled on the top of their N. Y. Sun. knapsacks. They drilled as light infantry, and moved like electric clocks. The entire drill lasted nearly three hours. including stoppages for rest, a few moments each time, and, although performed under a scorching sun, on the hot sand, and comprising a series of vicorous exercises, the men stood it well, and attended strictly to their business. Two or three accidentally lost their caps during the double-quick, and took not the slightest notice of it, either at the time or when subsequently, when the company came to a halt, a comrade placed the caps awry upon the owners' heads. Most men would have adjusted their head coverings to fit comfortably, but they did not make the slightest efforts to touch them until the order came to rest. The step of the Zonave was in itself a peculiarity, and strongly suggestive of frequent pedestrian and gymnastic preparation. The diminutive stature of the men, and their precision in accomplishing the allotted length of the step, gave to it something firm and springy that its effect was most animated. Another feature in the general excellence of the Zouaves was noted before they do it. They say he used to in their method of handling their arms, executing the manual, were grasped with there when they sold the assets at auction. a nervous energy of action, and shifted with a spirit which was thrillingly suggestive of a will, as well as the power to act. The visitors were quite boyish in appearance, and mostly of small stature, falling even below the ordinary size of short men in our cities. We doubt whether there was in the whole command a person above five feet ten inches in height; the commander, Col. Ellsworth, was seemingly the shortest in the corps, a really "little fellow," with a very youthful, but self possessed and firmly marked countenance. Indeed, absolute relf-reliance and a wild, insouciant air was the prevailing expression of nearly every individual of the corps. They were hospitably entertained by the Washington Light Infantry, and they visited Mount Vernon, their gallant commander little thinking, as they passed

### The Model Town of Minnesota.

Alexandria, that he would there lose his

life within a twelve month. -Ben. Perley

Poore, in American Cultivator.

Fairbault is the model town of Minne sota. Its history is striking and suggestive to those who desire to build up and improve their towns. The place has rare natural advantages, combining hill and dale, prairie and forest. But art has done more for it than for any town of its size in the State. In 1855 it was an Indian years, and I reckon they all knew I was village, with a single frame house—the smugglin', but I never got nabbed but trading post of Alexander Fairbault, the once, and that was by a detective that got Indian agent, who early married an on at Havana with me and got into me by Indian woman, and was always recognizsayin' that he was smugglin'. I lost ten ed by the Indians as their "wise and faithful benefactor and friend." He died within the last year, held in high esteem alike by the Indians and the whites, as one of nature's noblemen. It is a fit recognition of his worth that his honored name is perpetuated in that of the town. His private mansion, long the scene of his generous hospitality, now forms one wing of the new State asylum for the blind.

Faribault furnishes a good illustration of the value to a town of a single intelli gent, far-sighted citizen. When the faith. ful Indian missionary, the Rev. H. B. Whipple, was elected the first bishop of Minnesota, twenty-five years ago, the citi zens of Faribault wisely offered liberal inducements to secure his residence with all right if I hadn't given it away like a them. His influence has proved a great benefaction to the place in manifold ways, but especially in its rapid growth and æsthetic improvement. Through his agency the three educational institutions of the Episcopalians in Minnesota are located here-the Seabury Divinity school, the

some two or three. Wall, when we got dred acres in all—with fine groves, lawns, to New York the inspectors came aboard vases, statuary, and winding drives and walks. The grounds for the Episcopal what have you got this time!' 'That's for schools were given by the town, and the gift has proved a profitable investment. They practically constitute a charming park for the citizens, open to all alike for caution. They examined everything and walks or drives. These institutions are the pride of the people, who fully appreciate the moral, intellectual, and financial advantages thus secured. They rejoice in the fact that students have been attracted here from half the States of the Union. Many families, also, have settled paper minutely describing a very difficult surhere on account of the excellent schools gical operation. A prominent French physiof the town, public as well as private.

Bishop Whipple and his assistant, the Rev. J. Dobbin, rector of the Shattuck school, are the embodiment of village improvement. Such is the confidence of the citizens in their taste and judgment, that any improvement recommended by them is likely to be cheerfully made. For example, an iron bridge of artistic design, half a dozen stones. The buttons on his built by the city, spans a deep ravine to afford an easy access to St. Mary's Hall with a spring, and so it was. One time from the streets. The city is lighted with one side and the hands on the other, but with the force of a subterranean river. between 'em you could hide a thousand | The reservoir is on an elevation of over ple protection in case of fire. Near the center of the city is a public park with an

elegant fountain. As is my custom, I made an inspection of the town in order to lecture on its perceived "needs and possibilities," both sanitary and æsthetic, and while there was room for important suggestions as to flounced to the piano and sang "Rock of further improvements, I found the Ages" at the top of her voice, laying partieva town of its size that I have visited. On every side you find signs of taste, culture, and prosperity, and are not surprised to learn that Faribault is already a favorite summer resort, as well as a most inviting place of residence. The population is now abou: 7,000 .- Dr. B. G. Northrop, in

### VARIETIES.

A LONG-haired, long-legged, man wearing a duster, a tall hat and gold-bowed spectacles, recently approached the ticket window of Causeway street depot, when the following dialogue took place:

- "Is this the ticket office?" "Yes, sir."
- "Do you sell tickets to Poolville?" "Yes, sir."
- "What is the price of a ticket to Pool ville ?"
- "One dollar and seventy-five cents." "H'm (pause). Do you have tickets for elergymen ?"
- "Yes, sir." "H'm. What is the price of those ?"
- "One dollar and seventy-five cents."
- The long haired stranger glanced sternly at the irreverent railroad man over his spec tacles, purchased a ticket and departed.

"My boy, what are you doing with that cigar in your mouth? Throw the filthy thing away," of a steady loping movement, but yet so said a clerical-looking man to a bootblack who stood near the Globe Hotel puffing a cigar. The urchin looked up at the man with an injured air, then shaking his head, said:

"Naw yer don't. I'm on to that trick. That's what the kids tell me when I'm flush keep a livery and feed stable, where farm-ers who came to town put up their horses gingerly treatment so observable even But when a lad can't take a smoke without an and fed them. A shoe factory failed at among finely drilled companies when old chap like you wantin' him to throw it away

Reaching into his pocket the benevolent boy brought forth three cents, saving as he held hem out to the abashed gentleman:

"Here, take them coppers and buy one for verself, but don't ask me again." The dozen or more men and boys who had collected around the pair shouted derisively as the minister turned and walked away.

"Yes, sir," said an enthusiastic citizen of new western town, "we've got a right smart town, stranger. Why," he continued, imressively, "It's only six months old yet and t's got two hotels, forty-eight beer saloons wenty-seven gambling places, four drug stores o say nothin' of grocery and clothin' stores and the best half-mile track west of the Mis

- souri," " Any churches?" asked the stranger. "Any what?"
- "You mean them buildin's with a long pin ticking up in the air?"
- "No, we hain't got any idea of them. That was some talk about buildin' one, but we fin ally allowed it would look too dudish."

THE story is told that the playing of a celhrated violinist very much impressed one of the ladies of the audience, a well known society lady, and she caused the musician to be presented to her.

"I was delighted with your music, Mr. S." the lady said; "quite carried away with it, i fact."

The musician was charmed. "If you have no other engagement for Thursday evening," the lady went on, "I

He had no other engagement. "And be sure and bring your violin," s added. "Well, madam," Mr. S. replied, "I hardly think that will be necessary; my violin never

gets hungry."

would be pleased to have you dine with us."

"I understand that you are going out of own to-day," said Noodles to a young lady acquaintance.

Yes," she replied. "I depart at 4:30 p "Would you permit me to escort you to the train?" eagerly asked the youth.

"Really," said the blushing miss, "it would not be right for you to go to so much trou-"Oh, indeed," said Noodles, bowing

foundly, "It would give me the greatest pleas ure to see you off." Then he felt like going behind the ho and kicking himself very, very hard.

It is said that the following anecdote, which has been told of a number of people, originated with Lord Cowley, who, at one of his own par ties in Paris, was leaning against a mantel piece, when an unknown gentleman said to

"Do you mean to say that Lord Cowley parties are never livelier than this?"

"Well," said the stranger, "then I shall ake myself off at once.'

"You're a lucky man," said Lord Cowley with a sigh; "I'm obliged to stop."

"DEAR," said a young wife, clasping he nusband fondly, "It almost breaks my heart to let you go."

"You needn't be so foolish," he replied It's only a short distance, and I'll be home to-morrow. "I know it is not a long journey, but there

are so many accidents happening that I shan't rest easy a single moment while you are gone, "Unless what, my dear?" he asked, loving

"Unless you buy an accident insurance ticket."

An English surgeon recently published a cian wrote to him, asking if it was really sothat the operation had been performed. The Englishman replied that the article was quite true; that he had seen the operation with his own eyes. The Frenchman's reply was characteristic, in effect as follows:

" As you have, sir, seen the operation with your own eyes it is necessary for me to believe it, but had I seen it with my own eyes I should not have done so."

"But, oh, papa, George and I do love each other so devotedly."

"I don't care; I say you shall not marry him. How on earth can he support the daughter of a wealthy merchant when his salary is only \$5,000 a year!" "But, papa, you forget he is your confiden

tial clerk, your trusted employe."

Why, he probably owns more of the story than you do already." WHEN Gen. B. F. Butler was a young man

two girls, dwelling in the same boarding-house were simultaneously in love with him. Both ladies were sitting in the parlor one evening, and Ben was making violent love to one of them, much to the chagrin of the other, who "needs" less than in any other western lar stress on the line, "Simply to thy cross-eye

A FUN-loving farmer's daughter, residing not twenty miles from Boston, decorated a bush in the front yard with whole egg shells adroitly fixed on the ends of branches. Result Pleasure drivers from a neighboring hotel would first gaze, then halt, and often alight for a closer inspection of the "curious plant," which they would then describe to their fellow sojourners, who would be sold in their turn on

### Chaff.

The Persians have a custom of bottling tears. In this country only smiles are bot-

No man can obey two masters, but frequent ly he has to obey both his wife and his mother in-law.

Contracting the measles has been called a rash act, but you cannot catch a measle

The need of the hour is not a cheaper cigar, but a man who really enjoys smoking cabbage leaves. Why is a list of music composers like saucepan? Because it is incomplete without Handel.

"Madame," said a gentleman, offering a rose to a lady, "allow me to present you one of your sisters."

Doan' think dat because er 'oman likes gay colors she's weak. Natur puts de brightest tech on de fines' flowers.

The young lady who was blamed for allowing her glove to be discovered in a young man ing her glove to be discovered in a young man't pocket, stated that she had no hand in it. It is a foolish girl who will ask her lover which

he likes best, beauty or brains. No matter which way he answers she is sure to get mad. A fashion journal has an article headed "How to Make a Match Safe." A very good way to make a match safe is to soak it in cold

Native—"Well, how do you like our town?" Stranger—"very nice place. Just consider that there are 22 trains on which you can leave daily."

The man who refuses to carry water from sundown till dark, seyen nights in the week, for his wife to water her plants, is not worthy the name of American citizen. "There," said the editorial writer, "there's

a column editorial, anyway!" "What's it a about?" queried an associate. "How can tell until it's published?" was the reply. A tramp reached into the pantry window of an out of town house the other night and tried to steal a pound of butter, but it was so strong it drew him in and whistled for the

"How is that for high!" screamed the High School girl's brother yesterday. "Oh, Jim, said the girl, "please don't say 'How is tha for high!" but 'What is the measure of tha aititudinosity?"

"My name is Somerset," writes a punster.
"I am a miserable bachelor. I cannot marry, for how could I prevail on any young lady possessed of the slightest notion of delicacy to turn a Somerset?"

"Yes, when he went away from my house he left a large board bill." "I've heard him mention it." "You have. What did he say!" "That it was so large that he couldn't possibly earry it with him."

It was a Boston lady who asked the waiter in a restaurant to bring her some detached pro-pellers of the amphibious animal of the genus rana." When he found out she only wanted frogs' legs he became a raving maniac.

A fop took a seat in a car beside a young lady, but on perceiving she had a dog, he moved off with an air of trepidation. "Don't be afraid," she said, with a reassuring look. "Jip wou't bite you; he does not like yeal."

"Ya'as," continued young Smyithe, "I sup-pose every thing created has some use, but 'pon me honah, it's duced hard to believe it, don't cher know!" "Yes," replied the young lady, looking him over intelligently," it is in-deed."

A great big dog was roaming about the yard muzzled, when a little girl rushed into the house in terror. Her sister, younger but more valiant, coolly surveyed the situation and reassured her by remarking: "He can't bite; he's got on his bustle."

The Concord School of Philosophy adjourned too soon to inform us what sort of a germ caused the earthquake. We shall have to wait a whole year before we can have its Ego in relation to its Shako discussed. Maybe there are microbes in the bowels of the earth.

The following testimonial of a certain patent medicine speaks for itself: "Dear sir:—Two months ago my wife could scarcely speak. She has taken two bottles of your 'Life Renewer,' and now she can't speak at all. Please send me two more bottles. I wouldn't be without it." without it."

Little three-year-old Willie L—is a good coiner of words. One night recently, when going to bed, he noticed that his mamma's pillows were trimmed with ruffles, while his own little pillow was plain. "Mamma," he asked, "why can't I have some trinkles on my pillow, too?" Patti has no bables. The family can't afford'em. When they realized that it would cost the youngster in the crib \$2,000 every time he wanted his mather to sing him to sleep, cash up at the door or no concert, they decided that no baby could stand it unless they mortgaged the nurser.

Eleven Harlem goats were to have participated in a swimming match in North River, but Henry Bergh said it was cruelty to go its and stopped it. The prizes were two dollars for the first goat, a cabbage head for the second goat, a turnip for the third, a double-sheet circus poster for the fourth, and a tomato can for the fifth.

A TOUCHING INCIDENT.

A Young Girl's Dementia-How it was Oc casioned—Some New and Startling Truths.

The St. Louis express, on the New York Central road, was crowded one evening recently, when at one of the way stations, an elderly gentleman, accompanied by a young lady, entered the cars and finally secured a seat. As the conductor ap proached the pair, the young lady arose, and in a pleading voice said:

"Please, sir, don't let him carry me to the asylum. I am not crazy; I am a little tired, but not mad. Oh! no indeed. Won't you please have papa take me back home?

The conductor, accustomed though he was to all phases of humanity, looked with astonishment at the pair as did the other passengers in their vicinity. A few words from the father, however, sufficed, and the conductor passed on while the young lady turned her face to the window. The writer chanced to be seated just behind the old gentleman and could not forego the desire to speak to him. With a sad face and a trembling voice the father said:

"My daughter has been attending the seminary in a distant town and was suc ceeding remarkably. Her natural qualities, together with a great ambition, placed her in the front ranks of the school, but she studied too closely, was not careful of her health, and her poor brain has been turned. I am taking her to a private asylum where we hope she will soon be bet-

At the next station the old man and his daughter left the cars, but the incident, so suggestive of Shakespeare's Ophelia, awakened strange thoughts in the mind of the writer. It is an absolute fact that while the population of America increased thirty per cent. during the decade between 1870 and 1880 the insanity increase was over one hundred and thirty-five per cent for the same period. Travelers by rail, by boat, or in carriages in any part of the land see large and elaborate buillings and inquire what they are?

Insane asylums! Who builds them?

Each State; every county; hundreds of private individuals, and in all cases their capacity is taxed to the utmost.

Why?

forms.

Because men, in business and the professions, women, at home or in society, and children at school overtax their mental and nervous force by work, worry and care. This brings about nervous disorders, indigestion and eventually mania. It is not always trouble with the head that causes insanity. It far oftener arises from evils in other parts of the body. The nervous system determines the status of the brain. Any one who has periodic headaches; occasional dizziness; a dimness of vision; a ringing in the ears; a feverish head; frequent nausea or a sinking at the pit of the stomach, should take warning at once. The stomach and head are in direct sympathy and if one be impaired the other can never be in order. Acute dyspepsia causes more insane suicides than any other known agency, and the man, woman or child whose stomach is deranged is not and cannot be safe

from the coming on at any moment of

mania in some one of its many terrible

The value of moderation and the imperative necessity of care in keeping the stomach right must therefore be clear to all. The least appearance of indigestion, or mal-assimilation of food should be watched as carefully as the first approach of an invading army. Many means have been advocated for meeting such attacks, but all have heretofore been more or le defective. There can be little doubt, however, that for the purpose of regulating the stomach, toning it up to proper action, keeping its nerves in a normal condition and purifying the blood, Warer's Tippecanoe The Best, excels all ancient or recent discoveries. It is absolutely pure and vegetable; it is certain to add vigor to adults, while it cannot by any possibility injure even a child. The act that it was used in the days of the famous Harrison family is proof positive of its merit as it has so thoroughly withstood the test of time. As a tonic and revivifier it is simply wonderful. It has relieved the agony of the stomach in thousands of cases; soothed the tired nerves; produced peaceful sleep and averted the coming on of a mania more to be dreaded than death itself.

A gentleman who was about to marry a plain girl, said to his friend: "It is not for her ex-terior but her inward beauty that I marry her." "Then for goodness sake," replied the friend, "turn her inside out."

NEW ADVERTISEMENTS

### Modern Science ™ Skeplicism == What has Skepticism done for the world?

Nothing but to suggest doubts. It has even suggested that Rheumatism cannot be cured. Skepticism is as bad as Rheumatism. What has Science done for the world?

A good many things; for instance, it has shown that Rheumatism can be cured. It has shown that Neuralgia can be got rid of. Modern science has proved that Rheumatism is a blood disease, and has provided Атнгорногоs as the remedy which can completely cure it. It has proved that although the old doctors failed to overcome Neuralgia, Athlophoros can reach it, and eradicate it from the system. It has proved that though these tormenting diseases were so slow and obstinate, they can be overcome in a little while by means of

TITIOPHOPOS 1

Don't be skeptical. If you have any doubts as to what Athlophoros can do, write to some of those whom it has cured. For instance, Rev. S, R. Dennen, D. D., Pastor Third Congregational Church, of New Haven, Conn., the Rev. W. P. Corbit, pastor George St. M. E. Church, of New Haven, the Rev. J. E. Searles, pastor Willett St. M. E. Church, New York city, Mr. Brummell, the well known candy manufacturer, of New York, Ex-Gov. Bigelow, of Connecticut, and many others, equally well known. others, equally well known.

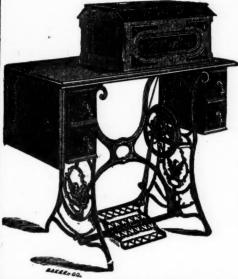
If you cannot get ArHLOPHOROS of your druggist, we will send it express paid, on receipt of regular price—one dollar per bottle. We prefer that you buy it from your druggist, but if he ham't it, do not be persuaded to try something else, but order at once from us sa directed. ATHLOPHOROS CO., 112 WALL ST., NEW YORK. CHARLEST CONTRACTOR N. C. THEORETT CONTRACTOR

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NEW ADVERTISEMENTS.

### THE SINGER SEWING MACHINE

The "Michigan Farmer" One Year and a Machine For Only \$18.00!



We have made arrangements We have made arrangements to have manufactured for us a large number of one of the best Sewing Machines ever in use, which we shall sell at about one-third usual prices. Each machine will be nicely finished with a Box Cover. a Drop Leaf with a Box Cover, a Drop Leaf Table, and Four Drawers, and will contain a full set of the latest improved attachments.
This illustration is an exact
representation of the Machine e send out.

The cut below represents the "Head" or machine part of the Sewing Machine. All parts are made to gauge exactly, and are constructed of the very fines and best material. It is strong, light, simple and durable. Does to perfection all kinds of sewing and ornamental work that can be done on any machine.

Each machine is thoroughly well made and fitted with the

shop until it has been fully tested and proven to do perfect work, andrun light and with as little noise as possible. This machine has a very important improvement in a Loose Balance Wheel, so constructed as to permit winding bobbins without removing the work from the machine.

The LOOSE BALANCE WHEEL is actuated by a solid bolt passing through a collar securely pinned to the shaft outside of the balance wheel, which bolt is firmly wheel, which bold is army held to position by a strong spiral spring. When a bob-bin is to be wound, the bolt is pulled out far enough to release the balance wheel and turned slightly to the right or left, where it is held

by a stop-pin until the bob-bin is filled. Where the ma-chine is liable to be meddled with by children, the bolt can be left out of the wheel when not in use, so that it can not be operated by the treadle.

The Thread Eyelet and the Needle Clamp are made Self-Threading, which is a

great convenience to the operator.

THE BALANCE WHEEL is handsomely finished and nickle plated.

The IMPROVED TENSION and THREAD LIBERATOR combined adds

### greatly to the value of this machi ALL THE STANDS HAVE The New Driving Wheel.

This Driving Wheel is the invention of John D. Lawless, secured by patent, dated Feb. 7, 1832, and is claimed to be the best device yet invented, being the simplest easiest running, and most convenient of the many that have been tried. It can be easily adjusted and all wear taken up by turning the cone-pointed screw. It is the only device operating on a center that does not interfere with other patents. Dealers who wish to sell these

fere with other patents. Dealers who wish to sell these machines will appreciate this fact.

The Stands have rollers in legs and the Band Wheels are hung upon self-oiling adjustable journals. Each stand is run up by steam power after it is set up until it runs very light and smoothly.

We have selected this style and finish of machine as being the most desirable for family use.

We furnish the Machine complete as shown in above cut, and include the following attachments, &c. One Johnson's Foot Ruffler, one set Hemmers. one Tucker, one Foot Hemmer or Friller, one package Needles, six Bobbins, Screw Driver, Can of Oil, Extra Check Spring extra Throat Plate, Gauge Screw, Wrench, Instructions extra Throat Plate, Gauge Screw, Wrench, Instruc Each Machine is Guaranteed as represented and to give satis

faction, or it may be returned and money refunded. Address all orders to JOHNSTONE & CIBBONS, Publishers MICHIGAN FARMER. 44 Larned St., West, Detroit, Mich.



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HOPS AND MALT BITTERS ARE WARRANTED TO PURIFY THE BLOOD FROM WHATEVER CAUSE ARISING. FOR SCROFULA, SORES OF ALL KINDS, SKIN AND BLOOD DISEASE, ITS REFECTS ARE TRULY MARVELOUS. WE ARE IN RECEIPT OF THOUSANDS OF TESTIMONIALS WHICH PROVE OUR ASSERTIONS. IF YOU CAN-NOT GET HOPS AND MALT BITTERS OF YOUR DRUGGIST DO NOT BE PERSUAD-ED TO TRY SOMETHING ELSE SAID TO BE JUST AS GOOD, BUT INSIST ON HOPS AND

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BY MAII or Express PREPAID choice 55; 1,000 \$35. Strawberries, flowering Tulip bulb doz, 25c. Raspberries, Blackberries, Currents Gooseberries, Grapes, \$1 doz. Hardy stock in good order, well planted does best moved in the early fall. Most planters have then more time to attend to planting. Fall List free. F. K. PHENIX & SON,

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MINNESOTA, FARMS. DAKOTA, Less than Railroad Prices. On Long Time. Send for lists and Prices GRAVES & VINTON, St. Paul, Minn wy18-18t

Out This Out & Return to us with TEI
that will bring you in MORT MONEY, in One Month,
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Need no contial. W. Young 1720 Absolute Certainty.

M ORTGAGE SALE.—Default having been made in the conditions of a mortgage made by Edward Call to George Moore, dated November 29th, A. D. 1881, and recorded in the office of the Register of Deeds for the County of Wayne, in the State of Michigan, on the 30th day of November A. D. 1881, in Liber 188 of Mortgages, on page 27, by the nonpayment of moneys due thereon, and on which mortgage there is claimed to be due at the date of this notice two hundred and seventy three dollars and forty cents (\$273.40), and no suit or proceedings at law or in equity having been instituted to recover the amount secured by said mortgage or any part thereof, notice is therefore hereby given that on SATURDAY, THE KIGHTE DAY OF NOVEMBER, A. D. 1884, at 12 o'clock noon, there will be seld at the cast-DAY OF NOVEMBER, A. D 1884 at 12 o'clock noon, there will be sold at the east-cry front door of the City Hall, in the City of Detroit, in the County of Wayne and State of Michigan (said City Hall being the building in which the Circuit Court for the said County of Wayne is keld) at public auction or vendue to the highest bidder, the premises described in said mortgage or so much thereof as may be necessary to satisfy the amount now due as aforesaid, with the interest thereon, and the costs and expenses allowed by law. and an attorney's fee of thirty dollars (\$30), in said mortgage provided for in case of foreclosure. said premises being situate in the township of Dearborn, County of Wayne and State of Michigan, and known and described as follows, to with Being nine acres of land off of the north side of the south half (\$\frac{1}{2}\$) of the northeast quarter (\$\frac{1}{2}\$) of the southeast quarter (\$\frac{1}{2}\$) of section i fry-one (31), in township two (2) south of range ten (19) east.

east.
DETROIT, August 7th, 1864.
GEORGE MOORE, Mortgages.
EDWARD MINOCK, Attorney for Mortgages.

GEORGE MOORE, Mortgages.

CTATE OF MINCH IGAN.—County of Wayne. In the matter of the estate of B idget Nash, deceased. Notice is hereby given that in pursuance of an order granted to the undet signed Riward McGinnis, executor of the estate of Said Bridget Nash, deceased, by the Hon. Edgar. O. Durfee, Judge of Probate for the County of Wayne, on the 24th day of June, A. D. 1834, there will be sold at public vendue to the hig set bidder at the westerly entrance to the City Hall in the City of Detroit, County and State afor said, on Wednesday, the 8th day of Cotober, A. D. 1834, at 10 o'clock in the forenoon of that day, the following described real estate, to wit: That part of lot number nineteen (19) of Bradford Smith's subdividence of out lot number five (5) of private claim number seven hundred and twenty-seven (727) componeding at a point, on the westerly side of Maybury Avenue twenty-six (26) feet and eight (8) inohes southerly from the northeast corner of said lot number nineteen (19) and running thence northeast or one of Maybury Avenue to the northeast corner aforesaid, thence westerly along the mostherly line of said lot to the northerly part of said lot to the northerly near to find the to the norther land to twenty-three (23) feet and four inches and thence to the place of beginning, being the northerly part of said lot number nineteen (19) and being situate on the westerly side of Maybury Avenue, between Butternut and Ash Streets, in the City of Detroit, wayne County and State of Michigan.

\*\*RIWARD McGINNIS, Executor.\*\*

\*\*NOTICE\*\* is hereby given that a petition has the county and state of the county and the norther land the number and the name of the norther land the number and and state of the land of the number and t

ROBERT LAIDLAW, Attorney for Executor.

NOTIOE is hereby given that a petition has been this day filed by the undersigned with the Clerk of the Circuit Court for the County of Wayne, State of Michigan, praying for the vacation of a portion of the plat of Garrison's subdivision of lots six (6), seven (7) and eight (8) of the Military Reserve, Devrborn, Wayne County, Michigan, and that an application founded on said petition will be made to such Court on the 11th day of August, A. D. 1884, for an order vacating all that portion of Beeson Avenue lying north of the southerly line of lots four (4) and five (5) in block six (6), and also vacating a portion of an alley lying between lots four (4) and five (5) and lot six (6) in said block six (6), as shown on said plat.

MARG ARET A. RUSSELL.

Da'ed July 8th, A. D. 1884.

HENRY A. HAIGH, Attorney for Petitioners.

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is given below: Reporter.-Mr. Holland, there has been a great deal of discussion among cattle raisers and the stock papers in reference to which may be the best breed of improved cattle. What is your opinion in the matter?

Answer.—There are several breeds of

Answer.—There are several breeds of cattle being advertised in the stock papers from the breeders of Iowa, Missouri, and Illinois, and even in Canada, the breeder of each class claiming that his particular hobby is the best. Each of these breeds is good in itself; and as thoroughbreds produce nice, round cattle, good beef and tender, rich milkers, etc., all of which I would prenounce good, but some which I would pronounce good, but some are undoubtedly better than others. These fancy breeders overlook the fact as to which breed is the best to cross with our poorly graded Texas stock—which will combine the neatest cattle, the most hardy combine the neatest cattle, the most hardy and roundest and heaviest beefers, that will command the best prices in the man

Question.—The Polled-Angus seems to
to be a hardy, round animal, possessing
beefy qualities, what do you think of him?
Answer.—Yes; the Polled-Angus without doubt possesses all the sterling qualities that you have given him, and upon crossing with our stock would produce a very hardy animal and a good rustler, but he is too small—does not contain a heavy enough bone to produce a weighty beef, though as to eating quality his meat may

be the very best.

Question.—The Galloway is said to be a yery fine animal, and the breeders seem to be going wild over him. What is your opinion of him.

Answer.—I have the same objections

to him that I have to the Polled-Angus, too small, too small—he wouldn't suit my Question.—Well, how about the Here-

ford? He seems to be the special pride of some of our stock-growers.

Answer.—There, you are beginning to come to it. The Hereford produces a very pretty cross, but lacking the hardi-

ness and rustling qualities.

Question.—What breed, then, is the best for crossing purposes with our com-mon stock, and which will produce all the necessary qualifications?

Answer.—The Shorthorn, sir, the Shorthorn, by all means,
Question.—But, Mr. Holland, can not some of the objections be attributed to him that are to the others? I have heard

that he, also, is not a hardy animal.

Answer.—True, all the breeds mention ed, in themselves, without a cross, are rather effeminate in their nature—too ten-der and incapable to shift for themselves. They are like the child in the cradle, a kind of household pet, and pampered and fed from their infancy up to full growth and of course they know nothing about rustling for themselves, but among all the fancy breeds I prefer the Shorthorns, for various reasons. Experiments have proved that the Shorthorn is the best for crossing purposes, as well for hardiness as for the most weight of animal. The Shorthorn puts a body on his crosses—large-boned, long, round and capable of carrying more beef than any other animal. A stock-grower, who studies his business as he should do, tries to grade his cattle in re-ference to size as well as quality. For my part I cannot see the use of crossing those small-boned animals when it takes no more grass to produce a 1,200-pounds beef than it does one weighing from 700 to 900

### Chess and Wheat.

M. S., of Battle Creek, cuts from the FARMER of July 29, an answer to G. E, W. in regard to wheat turning to chess and encloses with the following note:

"I owned the farm, and had two pieces of wheat sown just the same. One of these harvested one-half pure chess. Cause: A large flock of sheep were often upon one field when freezing and thaw-ing in the spring. I am an old farmer and have lived here since 1847. We have had no failures in crops since we got good fences.'

The above statement in no way affects the question at issue: "Does wheat turn to chess?" Seed of any kind may be sowed, killed out by the season or from want of protection, and a good crop of weeds come up in its place. But would a person be justified in declaring that the seed had produced the weeds?

### The Acme Pulverizing Harrow.

Mr. John A. McElroy, a prominent farmer in Lewis County, Mo., has been testing the Acme Pulverizing Harrow, and found it such an efficient implement that he sent the manufacturers, Messrs. Nash & Bro., Millington, N. J., the following letter:

MESSIS. NASH & BRO, MILLINGTON, N. Y. GENTLEMEN:—One year ago, in looking around purchasing implements, I con-cluded the "Acme" Harrow would best suit my purpose, and I have not been dis appointed in the result. I put in 16 acres of wheat, and after plowing prepared the ground with the "Acme." The yield was 20 bushels per acre, while the year was 20 bushels per acre, while the year previous the ground was prepared by ordinary means and yielded only nine bushels per acre. Again, I used but three pecks of seed per acre, and my neighbor used five pecks with no gain in yield. I attribute these results all to the use of the "Acme." This year I shall take more pains, and see if I can't bring it up to 30 bushels per acre. I give you these facts if they can serve you in any way. I can if they can serve you in any way. I can say of the "Acme," if there was no more to be had, I would not part with it for any Very truly,
(Signed) JNO. A. McELROY.

The British Grain Trade.

The Mark Lane Express, in its review of the British grain trade for the past

"The English corn harvest began and ended under unusually favorable conditions. Although the yield of the wheat crop is reported as variable the condition of the crop is excellent. Wet and colder weather somewhat improved the tone of of the crop is excellent. Wet and colder weather somewhat improved the tone of the market to day. The sales of English wheat the past week were 57,824 quarters at 35s. 1d, against 36,017 quarters at 43s.2d the corresponding week last year. The market for foreign wheats is improved. The demand is at the lowest possible ebb and values are nominal. In off coast trade during the week seventeen cargoes arrived. Seven were sold, seven were withdrawn and six remained. The trade forward is inanimate.

### Well Pleased.

OARWOOD, Oakland Co., Sept. 1st, 1884.

Sirs.-The machine and scales ordered by me were duly received, and both give good satisfaction. I find the scales very

Acids promise of the contract of the second of the

useful and convenient. My neighbor says that "she will have a set of those scales before the year is out." And it is a genuine comfort to sit down to that machine. It will almost run alone; its simplicity makes it easy for a new beginner. It is also ornamental, and thus far I can truly recommend it to any one wishing to MRS. J. G. ADAMS.

THE past season the Martin Amber, and the Valley, a red wheat, appear to have been more generally successful than other varieties. In white wheat the Landreth appears to head the list of the new varieties, both for hardiness and productiveness. It is a smooth variety, with stiff straw, and appears to be entirely free from rust. Lovett's New White, which originated in Canada, is highly spoken of there, and in Ontario it is claimed to be hardy, productive, of fine milling quality, and the whitest grain of any known there. It is bearded, very compact head, and in shape resembles Diehl, and Arnold's Gold Medal. Benson, Maule & Co., of Philadelphia, have the Martin, Valley and Lovett's New White, while the Landreth can of course be procured from the firm of seed growers after which it is named. If it is as reliable as the firm, that is all that can be asked for

MR. S. B. HAMMOND, President of the State Sheep Breeders' Association, writes us that if any of the stock men in the State wish to secure quarters during the State Fair, he will, upon receiving a noti fication from them, make such arrangements as they may desire. In view of the fact that hotel accommodation will be rather scanty, and that those in attendance at the Fair will have to depend upon securing quarters at private houses, Mr. Hammond's offer is timely and generous. His address is Kalamazoo.

MR. GOTTLIEB LAYER of Unionville Mich, inquires if we know of any variety of wheat that the weevil will not work This pest, he says, has been very trouble some in that locality the past season. Do any of our readers know of such a variety? There are some kinds advertised as weevil proof, but we do not know whether they are or not. .

J. R. KEENEY of Tipton, this State, is reported by the Wool-Grower to be in Texas at present with 218 Merino bucks, one and two years old. F. W. Dickey of Marshall, is also there with a lot of bucks.

THE Wool-Grower says that the drouth in Texas is getting to be a serious matter. Sheep suffer very little, considering, but lambs are not doing as well as green grass could make them.

### Peterinary Department

Conducted by Prof. Robert Jennings, late of Philadelphia, Pa., author of "The Horse and its Diseases," "Oattle and their Diseases," "Sheep, Froins and Poultry," "Horse Training Made Bay," etc. Professional advice through the columns of this journal to regular subscribers free. Parties desiring information will be required to send their full name and address to the office of the FARKER. No questions will be answered by mail unless accompanied by a fee of one dollar. In order that correct information may be given the symptoms should be accurately described, how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. Private address, 201 First Street, Detroit.

Follicular Disease of the Hair in Horse.

SOUTH LYON, Aug. 23, '84. Veterinary Editor Michigan Farmer.

DEAR SIR:—I have a horse, a gelding five years old, brown in color, that is shed ding the hair of his mane and tail. His tail is clear from scurf or dandruff, and shows no sores. He like to have it rub-bed, but never tries to rub it himself. Have washed it three or four times a week with castile soap and water, and applied alum dissolved in alcohol. It can be cleaned out good, and in ten minutes there will be a lot more roots sticking up. What would you advise me to do?. AN OLD SUBSCRIBER.

Answer.-From your description, we are inclined to believe the trouble with your horse to be some morbid condition of the skin, involving the hair follicles. Treatment: Use the following wash once a day: Sulphate zinc, one drachm; glycerine, two ounces; water, eight ounces. Mix all together and shake well.

### Nasal Gleet.

Mason, Aug 25, '84.

Veterinary Editor of the Michigan Farmer. DEAB SIR:-I have a gray four-year old gelding. One year ago last June he had what was called the "pink-eye," was quite sick for about a week, legs swollen and very tender to the touch, but recover-ed as I supposed; has seemed to do well and feel as well as ever. But since that time he has by spells had a discharge of a white substance, sometimes tinged with yellow, somewhat resembling pus, from the right nostril, never from the left. se tell me what will cure him, if he can be cured and oblige. SUBSCRIBHR.

Answer.-In the absence of any symptoms other than nasal discharge, we are of the opinion that your horse has nasal gleet in a chronic form, often difficult to cure. Treatment: Give the following: Sulphate of copper, pulv., one ounce; Jamaica ginger root, pulv., two ounces; linseed meal, two ounces, mix and divide into twenty powders, give one night and morning in the feed. If in two weeks no improvement is noticed, write us again, giving a careful description of symptoms.

In the FARBER of Aug. 12th, 1884, G. B. of Bankers, asks: Have you any knowledge of three calves at a birth, all living and doing well? Our answer was in the affirmative. For the farther information of G. B. we quote from a letter addressed to this department, dated Hoytville, Aug. 23, 1884. "Frank Green, of Benton, Eaton Co., Mich., has a cow that gave birth to three calves April 21, 1882. They are now two years old past, all of a color. He calls them Tom, Dick and Harry. Their weights are 982, 930 and 932 lbs. They have been photographed."

Languer thrown off by Hood's Sarsaparilla.

### COMMERCIAL.

### DETROIT WHOLESALE MARKET.

DETROIT, Sept. 1, 1884. Flour.-Receipts for the past week, 1,625 bbls. gainst 2,745 the previous week, and 2,101 bbls. for corresponding week last year. Shipments, 2,802 Values are declining, and the market is weak and unsettled. The depression in wheat auses holders to accept lower prices to get off their stocks. It is very probable lower prices will yet prevail. Quotations yesterday were as fol-

 Michigan white wheat, choice
 \$4
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 Michigan white wheat, roller process
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 Minnesotas, bakers
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Wheat .- The market opens very quiet this higher. The sales of spot yesterday were 120 Cars, of futures only 35,000 bu. In cash what quotations closed at the following range: No. 1 white, 83c; No. 2 do., 76c; No. 2 red, 84%c; No. 3 do., 78%c; Longberry red, 85%c. In futures closing prices were as follows: September, 83c; October, 84%c.

October, 84%c.

October, 84%c. eek, with cash wheat in fair demand, while

Corn .- Dull and neglected. No. 2 is selling at 41/2c per bu., and rejected at 53c. Oats .- The market is quiet but stronger. No.

white are selling at 31c. No. 2 mixed at 27c, and light mixed at 28%c.

Feed.—Very little moving. Bran is quoted at

\$12 00@12 50; coarse middlings, \$13 00; fine do. \$15 00@16 00; corn meal quiet at \$22 00 for coarse and \$26 00 for fine.

Butter—The market is a little better; choice fresh packed will bring about 18c, with 16@17c the price paid for most of the receipts. Good

reamery is quiet at 22@25c per lb. Cheese.-Market steady but quiet. Receipts are quite large. Full cream State ranges at about 10@104c per lb. Part skims are selling at 5@7c Ohio full creams at 10@101/c, and New York at

Eggs.-Market quiet and steady at 14c per doz. Dried Apples.-Dried apples are dull at 5@ Honey .- Market dull at 13@17c per lb., the

atter price for fine white comb. Beeswax.-Scarce and firm at 33@35c \$ 10 in tock, and 28@30c from first hands. Onions.-Quiet and steady. Quotations are 2 25 per bbl. for Southern.

t \$1 per bbl. for southern. State, 40@45c per bu. Potatoes .- Very-few being received, and the arket is unsettled. By the carload 35@37c per bn, would be the most that could be realized. armers get those prices from teams.

Hops.-Nothing doing. Old New Yorks. hoice, are quoted at 30@35c. New hops will probably be in this week. Small Fruits.-Blackberries, \$5@5 50 per stand. Whortleberries in light supply at \$2 50 per bu. Grapes, 6@7 per lb.

Melons.—Offerings of watermelons are free and they are selling at \$15@18 for best; poor stock. lower. Receipts of nutmegs are large, and they are quoted at \$2 00@3 00 per bbl. Pears.-Common fruit, \$1 75@2 00 per bbl.;

Apples.—Shipping stock quoted at \$1 75@2 25 per bbl; by the bushel, 40@60c. Peaches.-In fair supply; choice fruit would ommand \$2 50@300 per bu, the latter for yellow alf bushel baskets, \$1 40@1 50; choice yellow Tomatoes.-Good stock commands 40@50c per

n. The market is overstocked. Cabbage.—Quoted at \$3 00@3 50 per 100. Plums .- Dull at \$2 00@3 00 per bu.

Poultry.-Receipts light; a few chickens are peing offered at 12c per 1b., or 40@50c per pair; old fowls, 10c per b. Provisions .- Market active, and pork products

very firm; barreled pork and lard are a little lower han a week ago; smoked meats active and un-changed; dried beef has declined. Quotations in

this market are as follows:		4.			
Mess. new	18	50	@		
Family doClear do	10	PK	0	18 20	
Lard in tierces, per Ib	10		60	~0	8
Lard in kegs, per b		81	40		8%
Hams, per D		9	90		91/4
Choice bacon, per 15		11	0		111/2
Tallow, per th	11	50	00	12	00 5%
Choice bacon, per 15 Extra Mess beef, per bbl Tallow, per 15 Dried beef, per 15		153	40		16
Man Who following is a rose			ha	1	

the Michigan Avenue scales for the past week: Thursday—16 loads: four at \$13; two at \$14, \$12 and \$10; one at \$16, \$12 50, \$11 50 and \$11. Friday.—16 loads: five at \$17; three at \$15; two at \$14 and \$13; one at \$16 50, \$13 50, \$11 and 10. Saturday.—25 loads: eight at \$16; six at \$15; four at \$17; three at \$16 50; one at \$15 50, \$14 50, \$14 and \$18.

### LIVE STOCK MARKETS.

[By telegraph.] Below we give the latest reports of the live tock markets east and west for Monday, Sept.

BUFFALO.-Cattle, receipts 1,400; market strong and 10 to 15 cents per hundred higher. Sheep, eccipts 4,000; market dull and unsettled and prices lower.

CHICAGO.—Cattle, receipts 8,000; supply mostly ange cattle, which sold at a decline of 10 cents per hundred; other grades unchanged. Hogs, receipts 8.500; market firm, brisk and 10 cents pe

At the Michigan Central Yards.

Saturday, Aug. 30, 1884 The following were the receipts at these yards Cattle. Sheep. Hogs. No. No. No.

Belding Chelsea	24	51	
Charlotte		*	
Clyde Dexter	30	315	
FlintFowerville	3	212	
Grand Blanc	66	135	
Holly Howell	40	120	
Highland		166 120	
Lansing	84	120	
Metamora Mt. Morris	22 28	• • •	
Milford	7	81	
Onandago	26		
Oxford	7	42	
Plymouth	19	35 36	
Rochester	17	245	
RomeoSouth Lyons	29	84 38	
SalineStanton		62	
Williamston	40	46	
Webberville Ypsilanti	15	74	
Total		1,869	1,
CATTLE,			

The offerings of Michigan cattle at these yard numbered 430 head, against 257 last week. Abou three-fourths of these were stockers, the supply of butchers' cattle, not being near enough to me the demand, and buyers picked them up quickly at last week's rates. Stockers were also in fai request, but prices were a shade lower. The reseipts from the west were only moderate, so that altogether the market ruled in sellers' favor The following were the closing

### QUOTATIONS:

Extra graded steers, weighing 1,300				- 1
to 1,450 lbs	26	00	<b>@6</b>	50
Choice steers, fine, fat and well	•	-	-	
formed, 1,100 to 1,800 lbs	5	50	@5	75
Good steers, well fatted, weighing			-	
950 to 1,100 lbs		50	@5	75
Good Mixed Butchers' Stock-Fat			-	
cows, heifers and light steers	4	75	@5	00
Coarse Mixed Butchers' Stock-			-	
'Light thin cows, heifers, stags				
and bulls	3	50	<b>@</b> 3	75
Stockers	3	50	@4	00
Bulls	8	00	@4	00
Stevenson sold Sullivan 12 stocke				
3 75: 2 fair shinning steers to Bu	pt.	Sn	once:	on at

\$3.75; 2 fair shipping steers to Burt Spencer av 1,285 ibs at \$5.85, and 2 fair butchers' steers av 1,005 ibs at \$4.25. Clark sold John Downs 2 fair butchers' steers av 1,080 ibs at \$4.25. Stevenson sold Sullivan 7 stockers av 870 ibs at \$3.75. \$3.75.
Culver sold Flieschman a mixed lot of 13 head of fair butchers' stock av 786 lbs at \$4.
Giddings sold Fitzpatrick a mixed lot of 7 head of thin butchers' stock av 774 lbs at \$3.75.

Lewis sold Reagan a mixed lot of 8 head of coarse butchers' stock av 600 lbs at \$3 20, and 7 stockers to Burt Spencer av 653 lbs at \$3 40.
Hall sold Burt Spencer 11 fair butchers' steers av 1,053 lbs at \$4 25.
Wilcox sold McGee a mixed lot of 15 head of thin butchers' stock av 670 lbs at \$3 50.
Haywood sold Burt Spencer 19 fair butchers' steers av 961 lbs at \$4 50.
Switzer & Ackley sold Duff & Caplis a mixed lot of 7 head of thin butchers' stock av 708 lbs at \$3 60.
Gleason sold Switzer & Ackley 26 stockers av 700 lbs at \$3 30.
Bartholemew sold Switzer & Ackley 8 stockers av 817 lbs at \$3 65.

700 lbs at \$3 30.

Bartholemew sold Switzer & Ackley 8 stockers av 817 lbs at \$3 65.

Jenny sold Sallivan 27 stockers av 757 lbs at \$3 65, ard 2 bulls av 800 lbs at \$3.

Rupert sold Burt Spencer 10 stockers av 736 lbs at \$3 05, and 5 av 594 lbs at \$3 25.

Bray sold Flieschman 21 stockers av 692 lbs at \$3 25.

Capwell old Flieschman 3 stockers av 756 lbs at \$3 65.

\$3 00.

Ramsey sold John Downs a mixed lot of 15 head of fair butchers' stock av 946 lbs at \$4 15; 3 thin cows av 843 lbs at \$3 50, and a bull weighing 860 lbs at \$7. cows av 843 lbs at \$3 50, and a bull weighing 860 lbs at \$2.75.

White sold Duff & Caplis a mixed lot of 13 head of thin butchers' stock av 777 lbs at \$3 50.

Capwell sold Flieschman 6 bulls av 850 lbs at \$2.80.

another 5@10 cents, making 15@20 cents since Monday. The receipts were moderate on Satur-

The offerings of sheep numbered 1,860, against 1,120 last week. The local demand was light, but there was a good demand for shipment, and the

there was a good demand for shipment, and the receipts changed hands at about last week's rates. Shelton sold Morey 82'av 79 lbs at \$3 12'4. Stevenson sold Andrews 49 av 80 lbs at \$3. Lovewell sold Andrews 38 av 71 lbs at \$2 80. Lathrop sold John Downs 104 av 77 lbs at \$3 10. Larne rold Andrews 62 av 69 lbs at \$2 70. Smith sold John Downs 51 av 86 lbs at \$3 40. Farnam sold John Downs 100 av 83 lbs at \$3 25. Jedele sold John Downs 20 av 83 lbs at \$3 25. Ramsey sold John Downs 21 av 88 lbs at \$3 25. Knight sold Morey 73 av 90 lbs at \$3 25. Major sold John Downs 20 av 12 lbs at \$3 25. Major sold John Downs 179 av 86 lbs at \$3 50. McFadden sold John Downs 120 av 112 lbs at \$4. Rupert sold John Downs 99 av 90 lbs at \$3 25. Tinkham sold John Downs 45 av 84 lbs at \$3 124.

3 1234. Shelton sold John Downs 55 av 90 lbs at \$3 50.

The offerings of hogs numbered 1,724, agains 1.093 last week. The market opened up with an active demand from the packers, and for the bes of the receipts strong last week's rates were paid For the common grades, of which there were good many, the market was dull, and prices 10@1

good many, the market was deep.

Brown & Spencer sold Hammond 107 av 198 lbs at \$6.

Meritt sold Hammond 40 av 188 lbs at \$5.70.

Nicol sold Hammond 59 av 173 lbs at \$6.65.

Harger sold Webb 53 av 211 lbs at \$6.65.

Giddings sold Webb 51 av 181 lbs at \$6.60.

Stevenson sold Webb 51 av 181 lbs at \$6.00.

Stevenson sold Webb 74 av 160 lbs at \$4.65.

Lature sold Bigley 67 av 201 lbs at \$5.15.

Larue sold Bigley 67 av 201 lbs at \$5.15.

Larue sold Webb 39 av 185 lbs at \$5.15.

J H Webb sold Webb 36 av 182 lbs at \$5.15.

J H Webb sold Webb 36 av 182 lbs at \$5.15.

J H Webb sold Webb 36 av 183 lbs at \$5.25.

Lovewell sold Webb 49 av 160 lbs at \$5.75.

Taylor sold Hammond 56 av 193 lbs at \$5.75.

Taylor sold Hammond 56 av 193 lbs at \$5.75.

Suelton sold Hammond 32 av 195 lbs at \$5.60.

Allen sold Webb 51 av 175 lbs at \$5.

Bliss sold Webb 38 av 242 lbs at \$5.

Sly sold Webb 38 av 242 lbs at \$5.

Sly sold Webb 38 av 242 lbs at \$5.

Sly sold Webb 38 av 242 lbs at \$5.

Shelton sold Ranss 40 av 161 lbs at \$5.

Shelton sold Ranss 40 av 161 lbs at \$5.

Shelton sold Webb 21 av 200 lbs at \$5.55.

King's Yards. Monday, Sept. 1, 1884. CATTLE.

The market opened up at these yards with 325 head of cattle on sale. The butchers were on hand in force, and trade ruled brisk until all had changed hands. Prices averaged a shad stronger than those at the Central Yards on Satur

Smith sold Hersch a mixed lot of 6 head of fai Smith sold Hersch a mixed lot of 6 head of fair butchers' stock av 736 lbs at \$4, and a fair steer weighing 1,050 lbs at \$450.

C Roe sold Hersch 3 fair butchers' helfers av 886 lbs at \$450, and 3 to Baxter av 890 lbs at \$430. Smith sold H Roe a mixed lot of 17 head of fair butchers' stock av 768 lbs at \$4.

Anstey sold Oberhoff 2 fair butchers' steers av 1,000 lbs at \$450, and a bull weighing 1,000 lbs at \$350.

Kalaher sold Kammon a mixed lot of 11 head Kalaher sold Kammon a mixed lot of 11 head of thin butchers' stock av 722 lbs at \$3 50. C Roe sold Sullivan 18 stockers av 572 lbs at \$3 25, and 4 fair 'utchers' cows av 815 lbs at \$3 75. Anstey sold Fitzpatrick a mixed lot of 17 head of thin butchers' stock av 722 lbs \$3 50, and a bull to Loosemore weighing 660 lbs at \$3. Church sold Flieschman 6 stockers av 640 lbs at \$3. Holloway sold Kraft 5 fair butchers' steers av 934 lbs at \$4 80.

old Hersch 2 fair butchers' steers av 912 McHugh sold Genther 6 fair butchers' steers av

McHugh sold Genther 6 fair butchers' steers av 956 lbs at \$4.75.

Adams sold Sullivan 6 stockers av 696 lbs at \$3.35.

Oberhoff sold Knoch 7 fair butchers' steers and heifers av 890 lbs at \$4.60.

Harger sold Sullivan 8 stockers av 716 lbs at \$3.40, and 4 av 637 lbs at \$3.15.

H Roe sold Stucker a mixed lot of 6 head of thin hutchers' stock av 768 lbs at \$3.00. Platt sold Flieschman 7 stockers av 703 lbs a \$3 25.

Robb sold Sullivan 4 stockers av 742 lbs at \$3 35,

and 3 to Smith av 700 lbs at \$3 45
Purdy sold Voight a mixed lot of 7 hea i of thin butchers' stock av 664 lbs at \$3 50.
Green sold Kolb 4 thin butchers' steers av 917
lbs at \$4.
Church sold C Roe a mixed lot of 11 head of

Church sold C Roe a mixed lot of 11 head of thin butchers' stock av 836 lbs at \$3.75, and 4 bulls av 670 lbs at \$2.75. McHugh sold Petz a mixed lot of 8 head of fair butchers' stock av 882 lbs at \$4, and 6 stockers to to Sullivan av 763 lbs at \$3.35. Comstock sold Flieschman 3 stockers av 666 lbs at \$3.25. Kalaher sold Sullivan 8 stockers av 740 lbs at \$3 and 3 av 736 lbs at \$3.12½.

SHEEP. Church sold Ellis 30 av 65 lbs at \$2 50.
Smith sold Morey 34 av 78 lbs at \$3 25.
Holmes sold Morey 73 av 83 lbs at \$3.
Robb sold Fitzpatrick 78 av 79 lbs at \$2 87.
Church soldWreford & Beck 101 av 86 lbs 3 90. 3 30. Platt sold Baxter 54 av 75 lbs at \$2 80. Merrinew sold John Wreford 77 av 85 lbs

### Buffalo.

CATTLE-Receipts 13,400, against 9,197 the preus week. There were 220 loads of cattle or sale Monday, but not more than 20 of them could be classed as good shippers, with about 20 loads of fair to good butchers' steers. The balance up of common butchers' stock and stockers. The market ruled active for the best grades at prices 15@20 cents higher than on the Monday previous. In common grades the mar ket was unsteady and averaged 15@20 cents lower. On Tuesday and Wednesday the receipt were light, and all the best were sold, while most of the common lots were worked off. Of Michi gan cattle, the offering consisted wholly of stock ers, for which there was a fair demand at slight y reduced rates; 16 av 747 lbs sold at \$3.80; 18 av 680 lbs at \$3 60; 13 av 702 lbs at \$3 90; 13 av 758 lbs at \$4; 21 av 832 lbs at \$3 90, 22 av 834 lbs at \$4 10; 14 av 825 lbs at \$3 75; 30 av 671 lbs at \$3 50; 24 av 818 lbs at \$3 75. The following were the closing QUOTATIONS:

fair to medium, the proportion of good grades small. The demand from the east was light and the bulk went over. Tuesday only 3 loads were received, but with those left over the supply was large. The trade showed no improvement. On the Wednesday the market ruled somewhat more active and the bulk of the offerings were sold, those left over being very common. Fair to good 70 to 80 lb sheep sold at \$2.7653 40; 80 to 90 lbs, \$3.400, \$3.60; 90 to 10 100 lb, \$3.600, \$3.5; 110 to 120 lb, \$4. We note sales of 195 Michigan sheep av 105 lbs at \$4.5; 190 av 89 lbs at \$3.5; 14.8 v 84 lbs at \$3.75; 14.5 av 88 lbs at \$3.50; 169 av 96 lbs at \$4; 240 av 94 lbs at \$4.50; 25 do av 66 lbs at \$4.50; 25 do av 66 lbs at \$4.50; 25 do av 66 lbs at \$4.50. The log trade opened up 10015

cents lower on Monday than at the close of the previous week. Tuesday the market was again dull, and on Wednesday declined another 10 cents, closing with good to choice Yorkers selling at \$6 22\text{\text{d}}6 35; fair do, \$6\text{\text{d}}6 25; medium grades, fair to choice, \$6 25\text{\text{d}}6 50; good to extra heavy, \$6 60\text{\text{d}}6 75. Pigs, common to choice, \$4 25\text{\text{d}}4 75; grassers, common light to fair, \$4 25\text{\text{d}}4 50; skips and culls, \$4\text{\text{d}}4 25.

Chicage. CATTLE.-Receipts 32,078, against 36,389 the pre vious week. Shipments 13,061. The cattle mar-ket opened up on Monday with 6,000 head on sale, of which about 2,500 were such as shippers could use. The reports from the east were encouraging and shipping steers were 5@10 cents per hundred higher, and the competition was sharp. Sales ran from \$4 for very poor ones up to \$6 25 for the est. There were no choice ones on sale. Native butchers' stock did not participate in the advance, but prices were sustained. Poor to good cows sold at \$2 75@4, and common to fair steers at \$3 75@4 25. The feeling was firm in the cattle trade up to Thursday when the market advanced

day, and the market closed firm at the following QUOTATIONS: 6 00 @6 50

Veals—Per 100 lbs. 73,814, against 80,173 last week. Shipments 22,583. The supply of hogs on Monday numbered 18,000. The market ruled dull even for the best grades, while poor lots were hard to move at any price. Sales were made at a decline of 156,20 cents per hundred from Saturday's prices. Poor to prime light sold at \$5 50,66 40; inferior mixed to choice heavy, \$5 60,66 50, with skips and calls at \$4,65 40. The market ruled steady on Tuesday, and on Wednesday prices were advanced 10 cents. On Thursday the market made another gain of 5 cents, and closed strong. The supply was large on Friday, and prices weakened 5 cents, but closed firmer on Saturday, with poor to prime light selling at \$5 66 650; inferior mixed to choice heavy, \$5 70,66 65, with skips and culls at \$4,65 50.

### NEW ADVERTISEMENTS.

W. W. THORBURN. Veterinary Surgeon, Graduate of Ontario Veterinary College, Toronto. Treats all diseases of Horses and Cattle. Office, 123 Washington Ave., Lansing, Mich.

J. A. MANN, Kalamazoo, Mich., Live-• Stock Auctioneer. Sales made in any or Canada. Price satisfactory.

### THE GREAT REMEDY PROF. R. JENNINGS' COLIC MIXTURE

Horses, Cattle and Sheep.



Over 150 Horses with Colic Treated in the Detroit Fire Department Without the Loss of a Single Animal.

This assertion is verified by published Annua Reports of the transactions of the Detroit Board of Fire Commissioners. A record which challenges the world; better than any number of individual testimonials.

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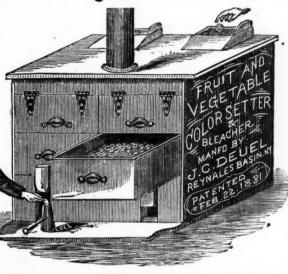
### STATE AND DISTRICT FAIRS NAME OF SOCIETY

SECRETARY. MICH. STATE AG'L. SOCIETY KALAMAZOO SEPT'R. 15 to 19 J. C. STERLING MONROR September 15 to 19 Chas. W. Garfield GrandRagi Octown Tri-State Fair Association. Toledo. September 15 to 19 Chas. W. Garfield GrandRagi Columbas. September 15 to 19 Chas. W. Garfield GrandRagi Columbas. September 15 to 19 Chas. W. Garfield GrandRagi Columbas. September 15 to 19 Chas. W. Garfield GrandRagi Columbas. September 15 to 19 Chas. W. Garfield GrandRagi Columbas. September 25 to 28 Chas. T. Towle. Indianapolis State Ag'l Society Indianapolis September 25 to 28 Chas. T. Towle. Mishawala. Indianapolis September 4 to 10. T. E. Harrison. Elmira. September 4 to 10. T. E. Harrison. Elmira. September 8 to 13. S. D. Fisher. Springfield Flare September 8 to 18. S. D. Fisher. Springfield September 15 to 19 Chas. W. Garfield GrandRagi Columbas. September 15 to 19 Chas. W. Golumbas. September 25 to 28 Chas. T. Towle. Mishawala. Indianapolis September 4 to 10. T. E. Harrison. Elmira. September 8 to 13. S. D. Fisher. Springfield September 15 to 19 Chas. W. Golumbas. September 8 to 18. S. D. Fisher. Springfield September 15 to 19 Chas. W. Golumbas. September 15 to 19 Chas. W. Furnass Paral Association. St. Louis. October 6 to 11. F. J. Wade. September 15 to 19 Chas. W. Furnass Paral Association. September 15 to 19 Chas. W. Furnass Paral Association. September 15 to 19 Chas. W. Furnass Paral Association. September 15 to 19 Chas. W. Furnass Paral Association. September 15 to 19 Chas. W. Furnass Paral Association. September 15 to 19 Chas. W. Furnass Paral Association. September 15 to 19 Chas. W. Furnass Paral Association. September 15 to 19 Chas. W. Furnass Paral Association. September 15 to 19 Chas. W. Furnass Paral Association. September 15 to 19

### MICHICAN DISTRICT AND COUNTY FAIRS.

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AME OF SOCIETY.	HELD AT	DATE.	SECRETARY.	Post Omo
Michigan Ag'l Society. Agricultural Society. Fair Association. Union Ag'l Society. Fair Association. Union Ag'l Society. Fair Association. Yellow By	Grand Rapids Greenville. Armada. Rochester Brooklyn. Hubbardston. Fenton. Traverse City. Eaton Rapids. Stockbridge. Litchfield Plainwell. Coldwater. Marshall St. Johns. Hillsdale. Mason. Howell. M. Clemens. Pontiac. Evart Hart. Centreville.	September 23 to 26 September 22 to 25 September 22 to 25 September 22 to 25 September 23 to 26 September 23 to 26 Cotober 7 to 10. Cotober 11 to 16. September 23 to 26 September 23 to 26 October 7 to 10. Sept 30 to Oct 3 October 7 to 9. October 7 to 9. October 7 to 9. October 7 to 10. Sept 30 to Oct. 3 September 23 to 28 October 7 to 9. October 7 to 9. September 24 to 26 Sept. 30 to Oct. 3	Frank Joslyn Geo. F. Lewis James Cox. C. C. Merritt J. E. Barringer. Theo. Dahlmann G. R. Culver. A. V. Phistor Walter Blackmore H. E. Stewart Orr Schurtz. W. C. Nichols L. B. Agard Wm. H. Hooper J. D. W. Fisk C. S. Hamilton Merrett Frink F. M. Halloway D. P. Whitmore. F. M. Halloway D. P. Whitmore. F. W. Munson T. J. Shoemaker Noah Tyler J. T. Minchin E. D. Richmond Samuel Cross	Rochester. Brooklyn. Hubbardster Fenton. Traverse Cf. Eaton Rapid Stockbride. Litchfield. Plainwell. Coldwater. Marshall. St. Johns. Hillsdale. Mason. Howell. Mt. Clemen. Evart. Hart. Centrevite.

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